



U.S. Department
of Transportation

National Highway
Traffic Safety
Administration

400 Seventh Street, S.W.
Washington, D.C. 20590

Dear Crash Data Researchers/Users:

Thank you for choosing crash data from the National Highway Traffic Safety Administration (NHTSA) for your research or other use. The information contained in this motor vehicle crash report is collected, maintained and distributed in accordance with Public Law 89-564. In accordance with this Public Law, NHTSA is required not to release any case information until completion of quality control procedures. These procedures include a review of the case material to extract all names, licenses and registration numbers, non-coded interview material, non-research related researcher comments in the margins, non-factual data, and the production number portion of the vehicle identification number (VIN).

If you requested NHTSA to query its database files in order to identify a specific crash, then that query was made using non-personal descriptors you provided for use in our search. This motor vehicle crash may have been identified from a data search and matches the general, non-personal descriptors you provided, but we cannot confirm that this is the specific crash report you requested.

If you have any questions with regard to the above procedures, please contact the Field Operations Branch, Crash Investigation Division, National Center for Statistics and Analysis at 202-366-4820. Again, please be advised that we cannot confirm that this is the case that you have specifically requested nor can we certify the information to be correct.

*** *** ***



AUTO SAFETY HOTLINE
(800) 424-9393
Wash. D.C. Area 366-0123

Case Vehicle (A): 2000 Ford
 Type: Focus, 3-door hatchback
 Driver: 23-year-old male
 CDC: 02-RPAW-3

Vehicle (B): 1999 Ford
 Type: E-350, passenger van
 Driver: 36-year-old male
 CDC: 99-0000-0

SITUATION

(Slide 1) Case vehicle (A) was traveling south in the inside southbound lane of a straight section of a wet asphalt, three-lane roadway, (slide 2) with a speed limit of 72 kph (45 mph), and was approaching a controlled three-leg intersection, that is the on-ramp to a divided highway. The off-ramp from the divided highway is north of the on-ramp and separated from the on-ramp by a grass median. The intersection of the three-lane roadway and the off-ramp is controlled for traffic exiting the off-ramp. Vehicle (B) was traveling in the single northbound lane, of the three-lane roadway. As vehicle (B) entered the controlled intersection, the driver of case vehicle (A) made a left turn across the path of vehicle (B). Vehicle (B) struck the right side of case vehicle (A) with its front end. The impact caused case vehicle (A) to rotate clockwise, and to move away from vehicle (B). Case vehicle (A) came to rest in the median that separates the on and off ramps. After impact, vehicle (B) rotated clockwise slightly, and came to rest in the mouth of the intersection of the three-lane roadway and the off-ramp.

GENERAL VEHICLE DAMAGE AND ESTIMATED CRASH SEVERITIES

(Slide 3) Damage to case vehicle (A) was severe. The direct-damage length was 246 cm and began 32 cm rearward of the right-front axle. The maximum crush above the sill was 42 cm and occurred 125 cm rearward of the right-front axle. The right wheelbase was reduced 4 cm, and the left wheelbase was unchanged.

Using the WinSMASH accident-reconstruction program and (slides 4, 5, 6, 7, 8, 9) c-values for case vehicle (A), the following impact severity was calculated:

Vehicle	Variable	Calculated Velocity Change - kph (mph)		
		Total	Longitudinal	Latitudinal
Case Vehicle (A)	EBS	32 (20)	-16 (-10)	-28 (-17)

DESCRIPTION OF DAMAGE TO CASE VEHICLE (A)

Exterior

(Slides 10, 11, 12, 13, 14, 15, 16, 17) The upper and lower areas of the right A and B-pillars were deformed and the right roof siderail and the right side of the roof were buckled. This distortion of the greenhouse caused the windshield to crack, but there was no bond separation. Both right-side windows shattered resulting in occupant compartment integrity loss. The right-front door was displaced rearward, causing the latch to jam shut, but it was removed during extrication of the right-front passenger. The other doors remained closed and operational. The right rocker panel was damaged from direct contact by vehicle (B). The right fender and quarter panels were buckled.

Interior

(Slides 18, 19, 20, 21, 22, 23) This vehicle was equipped with both steering-wheel and passenger frontal-impact airbags, which deployed during the right-side impact. (Slides 24, 25, 26, 27, 28, 29) No damage was noted to the airbag module doors/flaps. (Slide 30) The steering-wheel rim was not deformed. (Slides 31, 32) The following intrusions were noted and measured:

Location	Component	Distance (cm)	Direction
right front	A-pillar	10	to left
right front	kickpanel	4	to left
right front	roof siderail	2	to left
right front	door (estimated)	39	to left
right front	B-pillar	21	to left
right rear	roof siderail	3	to left
right rear	interior side surface	29	to left

(Slides 33, 34, 35, 36, 37) The right A-pillar, windshield top moldings, right upper and middle instrument panel and the glove box area, the upper vent outlets, and the air conditioning ducts were damaged. The right-front door and door handhold, both right-side windows, the right-rear interior side panel and armrest, the right B-pillar, and the right roof and roof siderail were damaged.

OCCUPANT INJURIES AND KINEMATICS

The 5-ft, 7-in, 150-lb, 23-year-old male driver (slides 38, 39) was wearing the available three-point belt, as indicated by the fact it was locked in an extended position, and (slide 40) the

steering-wheel airbag deployed. His seat was in the full-rear position. Prior to impact, he reportedly steered to the left. On impact, he moved to the right and forward relative to the vehicle interior, into the belt restraints and the airbag. He sustained contusions to the left cheek, possibly from the airbag flinging his right arm and hand into his face. He sustained a contusion to the left side of his chest from loading by the shoulder belt. He also sustained contusions to his right arm and hand, possibly from contact with his face, but possibly from contact with the right-front passenger. (Slides 41, 42) No contacts were noted on the left roof siderail or the driver knee bolster.

(Slides 43, 44) The 6-ft, 0-in, 165-lb, 24-year-old male right-front passenger was wearing the available three-point belt, as indicated by the latch plate being found in the receptacle and the cut shoulder belt. (Slide 45) The passenger frontal-impact airbag deployed. His seat was in the full-rear position. On impact, he moved to the right and forward relative to the vehicle interior, into the belt restraints and the airbag. He sustained lacerations to the right side of the scalp, and lacerations and a contusion to the right cheek, probably from head/face contact with the front of vehicle (B). He sustained a punctate hematoma of the pons and a contusion of the thalamus, and a cerebral contusion, probably from head acceleration associated with head contact with vehicle (B). (Slides 46, 47) He sustained contusions to the right shoulder and right arm from contact by the right door. He also sustained contusions to the right hip and right thigh, a closed fracture of the right iliac crest, and a comminuted fracture of the right pubic ramus from contact by the right door armrest. He sustained a comminuted fracture of the right distal fibula, probably from contact with the kickpanel. (Slides 48, 49, 50, 51, 52) Blood was noted on the right-front seat headrest, but it was undamaged. No occupant contact points were noted on the right-upper A-pillar cover, right roof siderail, or in the glovebox door area.

The 6-ft, 1-in, 200-lb, right-rear passenger (slide 53) was not wearing the available three-point belt, as evidenced by the available three-point belt being jammed in a retracted position. (Slides 54, 55) He sustained a fracture to the right hand, probably from contact with the side surface of the vehicle interior.

The following tables and attached drawings (slides 56, 57, 58) summarize the injuries sustained by the driver, right-front and right rear passengers.

Occupant: Driver
Restraints: 3-point belt worn; airbag deployed

Age: 23 years
Stature: 170 cm (5 ft, 7 in)

Gender: Male
Mass: 68kg (150 lb)

Injury Description	A.I.S.	Injury Source		
		Definite	Probable	Possible
Contusion, left cheek	1			Driver's right hand
Contusion, left side of chest	1		Shoulder belt	
Contusion, right arm	1			Right-front passenger; driver's face
Contusion, right hand	1			Right-front passenger; driver's face
<u>Maximum A.I.S. Level</u>	1			
<u>Injury Severity Score</u>	1			

Occupant: Right front
Restraints: 3-point belt worn; airbag deployed

Age: 24 years
Stature: 183 cm (6 ft, 0 in)

Gender: Male
Mass: 75 kg (165 lb)

Injury Description	A.I.S.	Injury Source		
		Definite	Probable	Possible
Punctate hematoma of the pons	5		Front of vehicle (B)	
Contusion of the thalamus	5		Front of vehicle (B)	
Contusion of the cerebrum	3		Front of vehicle (B)	
Laceration, right side of the scalp	1		Front of vehicle (B)	
Laceration, right cheek	1		Front of vehicle (B)	
Contusion, right cheek	1		Front of vehicle (B)	
Contusion, right shoulder	1	Door		
Contusion, right arm	1	Door		
Contusion, right hip	1	Door armrest		
Contusion, right thigh	1	Door armrest		
Fracture, right iliac crest - closed	2	Door armrest		
Fracture, comminuted right pubic ramus	3	Door armrest		
Fracture, comminuted right distal fibula	2		Kickpanel	
<u>Maximum A.I.S. Level</u>	<u>5</u>			
<u>Injury Severity Score</u>	<u>35</u>			

Occupant: Right rear

Restraints: 3-point belt not worn

Age: 20 years

Stature: 185 cm (6 ft, 1 in)

Gender: Male

Mass: 91 kg (200 lb)

Injury Description	A.I.S.	Injury Source		
		Definite	Probable	Possible
Fracture, right hand	2		Interior side surface	
<u>Maximum A.I.S. Level</u>	<u>2</u>			
<u>Injury Severity Score</u>	<u>4</u>			

Duplicate columns 1-8
from the previous card.

Module G 1 Format 0 2
 9 10 11 12

GENERAL INFORMATION GI-1

TIME

DATE OF COLLISION

— m — / — d — / — y — y — y

HOUR OF COLLISION
(24 HOUR CLOCK) 21 24

LOCATION

STATE: _____

STATE FIPS CODE 25 26

AREA

- (1) URBAN
- (2) RURAL
- (9) UNKNOWN

ENVIRONMENTAL CONDITIONS

LIMITED-ACCESS HIGHWAY

- (0) NO
- (1) YES
- (9) UNKNOWN

ROAD, TOTAL TRAFFIC LANES (FOR CASE VEHICLE)

- (1) 1-LANE
- (2) 2-LANES
- (3) 3-LANES
- (4) 4 OR MORE LANES
- (5) DIVIDED, 4 OR MORE LANES
- (6) PARKING LOT/DRIVEWAY
- (7) OTHER: ON-TANP
- (9) UNKNOWN

INTERSECTING RD, TOTAL LANES CHOOSE FROM ABOVE LIST, OR

- (8) NOT APPLICABLE

TYPE OF ROAD SURFACE

- (1) ASPHALT
- (2) CONCRETE
- (3) GRAVEL
- (4) MORE THAN ONE (CIRCLE EACH)
- (7) OTHER: _____
- (9) UNKNOWN

ROAD DEFECTS

- (0) NO
- (1) YES
- (9) UNKNOWN

ENVIRONMENTAL CONDITIONS

CONSTRUCTION ZONE

- (0) NO
- (1) YES
- (9) UNKNOWN

ROAD ALIGNMENT VERTICAL PLANE

- (1) LEVEL
- (2) CREST OF HILL
- (3) SLOPE (2%)
- (4) BOTTOM OF HILL
- (9) UNKNOWN

ROAD ALIGNMENT HORIZONTAL PLANE

- (1) STRAIGHT
- (2) CURVE
- (3) T - SHAPED
- (4) Y - SHAPED
- (7) OTHER: _____
- (9) UNKNOWN

SURFACE COVERING

- (10) DRY
- (21) WATER - DAMP
- (22) WATER - WET
- (23) WATER - PUDDLED
- (29) WATER - AMOUNT UNKNOWN
- (31) SNOW - LOOSE
- (32) SNOW - PACKED
- (39) SNOW - CONDITION UNKNOWN
- (41) ICE
- (51) SLUSH
- (61) SPILLED GRAVEL
- (71) OTHER: _____
- (99) UNKNOWN

VISIBILITY LIMITATION (FOR CASE VEHICLE)

- (0) NONE
- (1) CLOUDY/DARK
- (2) FOG
- (3) SMOKE
- (4) WINDSHIELD CONDITION
- (5) GLARE
- (6) RAIN
- (7) OTHER: _____
- (8) ICE/SNOW
- (9) UNKNOWN

VISIBILITY OBSTRUCTION (FOR CASE VEHICLE)

- (0) NONE
- (1) BUILDING
- (2) SIGN
- (3) VEGETATION (E.G. BUSHES, SHRUBS)
- (4) TREE
- (5) HILL OR CURVE IN ROAD
- (6) VEHICLE IN TRANSPORT
- (7) OTHER: _____
- (8) PARKED VEHICLE
- (9) UNKNOWN

ENVIRONMENTAL CONDITIONS

SPEED LIMIT

(0) 5-45 km/h 5-25 mph
 (1) 46-55 30
 (2) 56-60 35
 (3) 61-70 40
 (4) 71-79 45
 (5) 80-85 50
 (6) 86-90 55
 (7) 91-105 60
 (8) OVER 105 65
 (9) UNKNOWN

PRECIPITATION

(0) NONE
(1) RAIN
(2) SNOW
(3) HAIL
(4) FREEZING RAIN/SLEET
(7) OTHER: _____
(9) UNKNOWN

RATE OF PRECIPITATION

- (1) LIGHT/MIST
- (2) MODERATE
- (3) HEAVY
- (8) NOT APPLICABLE
- (9) UNKNOWN

TEMPERATURE

(0) BELOW -15° C BELOW 5° F
 (1) -15 TO -6 5 TO 22
 (2) -5 TO -1 23 TO 31
 (3) 0 TO 2 32 TO 36
 (4) 3 TO 5 37 TO 41
 (5) 6 TO 15 42 TO 59
 (6) 16 TO 25 60 TO 77
 (7) 26 TO 35 78 TO 95
 (8) OVER 35 OVER 96
 (9) UNKNOWN

CROSSWIND

- (0) NONE
- (1) LIGHT
- (2) STRONG
- (3) GUSTY & STRONG
- (9) UNKNOWN

LIGHT CONDITIONS

- (1) DAYLIGHT
- (2) DAWN
- (3) DUSK
- (4) DARK, LIGHTED
- (5) DARK, UNLIGHTED
- (6) DARK, UNKNOWN IF LIGHTED
- (9) UNKNOWN

41

41

9

9

9
—
44

3
45

MECHANICAL MALFUNCTION

**WAS THERE MENTION
OF A MECHANICAL MALFUNCTION
IN CASE VEHICLE**

(0) NO
(1) YES
(2) YES, DID NOT CONTRIBUTE
TO ACCIDENT
(9) UNKNOWN

46

THE FOLLOWING SECTION SHOULD BE FILLED OUT IF A MECHANICAL MALFUNCTION IS RECOGNIZED OR SUSPECTED.

CIRCLE ITEMS INVOLVED. SUPPORT ANY ITEMS CIRCLED WITH COMMENTS.

BRAKE SYSTEM	DRIVER CONTROLS
EXHAUST SYSTEM	POWER TRAIN
STEERING SYSTEM	FUEL SYSTEM
SUSPENSION SYSTEM	VISIBILITY ITEMS
ELECTRICAL SYSTEM	TIRES
THROTTLE CONTROLS	UNKNOWN

OTHER: _____

COMMENTS: _____

GENERAL INFORMATION GI-3

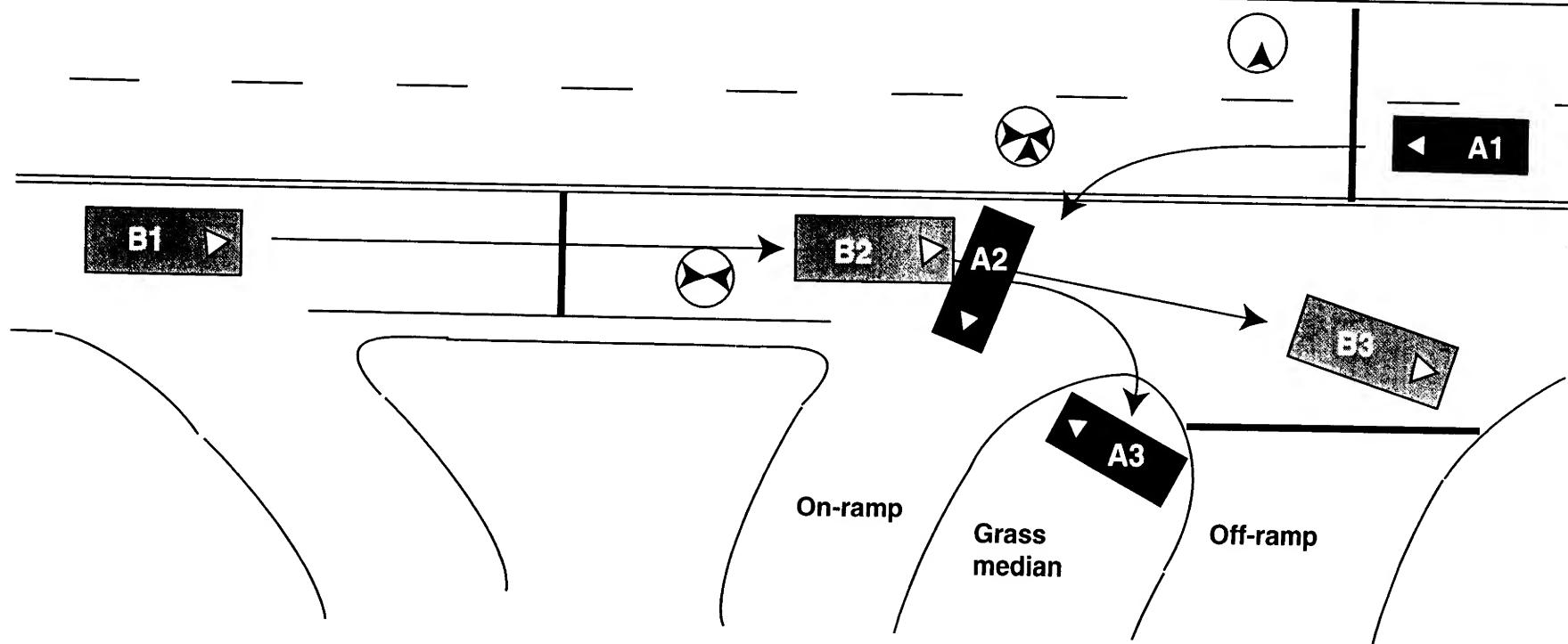
CRASH DETAILS			
CASE VEHICLE AND OBJECT		47	HIGHEST POLICE INJURY SEVERITY CODE IN CRASH <i>(NOT JUST CASE VEHICLE)</i>
(0) NO (1) YES (9) UNKNOWN			(0) O - NO INJURY (1) C - POSSIBLE INJURY (2) B - NON-INCAPACITATING INJURY (3) A - INCAPACITATING INJURY (4) K - FATAL (5) INJURED, SEVERITY UNKNOWN (6) DIED PRIOR TO ACCIDENT (7) NON-FATAL INJURY SEVERITY UNKNOWN (9) UNKNOWN
CASE VEHICLE ROLLOVER		48	3 55
(0) NO ROLLOVER (1) YES, FIRST EVENT (2) YES, SUBSEQUENT EVENT (3) YES, SEQUENCE UNKNOWN (9) UNKNOWN			
CASE VEHICLE RAN OFF ROADWAY <i>(BEFORE FIRST IMPACT)</i>		49	DRIVER IMPAIRMENT
(0) NO (1) YES (9) UNKNOWN			DRIVER ALCOHOL INVOLVEMENT (CASE VEHICLE)
MOVING CASE VEHICLE AND CONTACTED MOVING VEHICLE		50	(0) NONE (1) YES (9) UNKNOWN/NOT REPORTED/ NO DRIVER
(0) NO (1) YES (9) UNKNOWN			DRIVER ALCOHOL BAC (CASE VEHICLE)
CASE VEHICLE AND CONTACTED STOPPED VEHICLE		51	(80) NO TEST (90) CHEMICAL TESTS, NO RESULTS (95) AUTOPSY, NO RESULTS (99) UNKNOWN
(0) NO (1) YES (9) UNKNOWN			8 57 58
STOPPED CASE VEHICLE AND CONTACTED VEHICLE		52	WAS THERE MENTION OF DRIVER IMPAIRMENT FOR CASE VEHICLE?
(0) NO (1) YES (9) UNKNOWN			59
TOTAL NUMBER OF VEHICLES CONTACTED BY CASE VEHICLE IN CRASH		53	LIST IMPAIRMENTS MENTIONED: <hr/> <hr/> <hr/>
(8) 8 OR MORE (9) UNKNOWN			
ANY FIRE IN THIS CRASH <i>(NOT JUST CASE VEHICLE)</i>		54	POST - CRASH DETAIL
(0) NO (1) YES (9) UNKNOWN			MANNER CASE VEHICLE LEFT SCENE
			(1) DRIVEN (2) TOWED DUE TO DAMAGE (3) TOWED, NOT DUE TO DAMAGE (4) TOWED, REASON UNKNOWN (9) UNKNOWN
			2 60

ACCIDENT DESCRIPTION: Case vehicle (A) was traveling in the inside southbound lane CASE VEHICLE (A): 2000 Ford Focus 3-door hatchback of a three-lane roadway, and was approaching a controlled 3-leg intersection, that is OTHER VEHICLE (B): 1999 Ford E-350 passenger van the on-ramp to a divided highway. The off-ramp from the highway is north of the on-ramp THIRD VEHICLE (C): and separated from the on-ramp by a grass median. The intersection of the 3-lane roadway and the on/off-ramps is controlled. Vehicle (B) was traveling in the single northbound lane, approaching the intersection. As vehicle (B) entered the intersection, the driver of case vehicle (A) made a left turn across the path of vehicle (B). Vehicle (B) struck the right side of case vehicle (A) with its front end. The impact caused case vehicle (A) to rotate clockwise, and to move away from vehicle (B). Case vehicle (A) came to rest in the median that separates the on and offramps. After impact, vehicle (B) rotated clockwise slightly, and came to rest in the mouth of the intersection of the 3-lane roadway and the off-ramp.



NORTH

Speed limit 45 mph



Duplicate columns 1-8
from the previous card.

Module O V Format 0 4
9 10 11 12

OTHER VEHICLE OV-1

MAKE: Ford
MODEL: E-350 passenger van

CARGO: unk.

VIN 1FBS531Z2XH
13

29

MANUFAC/BODY CODE 12111
30 34

11
56 57

MAKE/MODEL CODE 3106
38

MODEL YEAR 1999
39 42

VEHICLE MASS (kg) 102546
43 48

IF SEPARATE REPORT WAS MADE,
GIVE VEHICLE NUMBER 1

NUMBER OF OCCUPANTS 1
(ENTER 9'S IF UNKNOWN) 51

TRAVELING SPEED (km/h) 999
54

- (000) PARKED OR STOPPED
- (995) JUST STARTING UP
- (996) BACKING UP
- (997) SPEED NOT EXCESSIVE (BUT UNKNOWN)
- (998) SPEED EXCESSIVE (BUT UNKNOWN)
- (999) UNKNOWN

HIGHEST POLICE INJURY SEVERITY
CODE FOR THIS VEHICLE 1

55

- (0) O - NO INJURY
- (1) C - POSSIBLE INJURY
- (2) B - NON-INCAPACITATING INJURY
- (3) A - INCAPACITATING INJURY
- (4) K - FATAL
- (5) INJURED, SEVERITY UNKNOWN
- (6) DIED PRIOR TO ACCIDENT
- (7) NON-FATAL INJURY
SEVERITY UNKNOWN
- (8) UNOCCUPIED VEHICLE
(NOT APPLICABLE)
- (9) UNKNOWN

VEHICLE TYPE

PASSENGER VEHICLE

- (02) LARGE
- (03) LIMOUSINE
- (17) PICKUP CAR
- (20) UNKNOWN PASSENGER VEHICLE BODY
- (24) SUB-MINI
- (25) MINI
- (26) SUB-COMPACT
- (27) COMPACT
- (28) INTERMEDIATE
- (29) FULL

MULTIPURPOSE PASSENGER VEHICLE

- (14) SMALL UTILITY (WHEELBASE LESS THAN 107",
E.G. JEEP, BRONCO)
- (15) LARGE UTILITY (WHEELBASE MORE THAN 107",
E.G. PANEL TRUCK, SUBURBAN)
- (16) PICKUP TRUCK WITH CANOPY/SHELL COVER
- (17) PICKUP CAR WITH CANOPY/SHELL COVER
- (21) MOTOR HOME
- (22) PICKUP TRUCK WITH SLIDE-IN CAMPER
- (23) PICKUP CAR WITH SLIDE-IN CAMPER
- (31) CHASSIS-MOUNTED CAMPER

TRUCK

- (11) VAN
- (12) PICKUP TRUCK
- (13) UNKNOWN LIGHT TRUCK
- (15) LARGE UTILITY (E.G. PANEL TRUCK, SUBURBAN)
- (16) PICKUP TRUCK WITH CANOPY/SHELL COVER
- (22) PICKUP TRUCK WITH SLIDE-IN CAMPER
- (30) UNKNOWN TRUCK TYPE
- (31) CHASSIS-MOUNTED CAMPER
- (33) DELIVERY VAN (WALK-IN)
- (34) STRAIGHT TRUCK
- (35) TRUCK-TRACTOR (BOBTAIL)
- (36) CHASSIS-CAB
- (37) UNKNOWN HEAVY TRUCK
- (38) TRACTOR & SEMI-TRAILER (SEMI)
- (39) TRUCK (OR SEMI) & FULL TRAILER(S)

BUS

- (40) UNKNOWN BUS TYPE
- (41) SCHOOL BUS
- (42) INTERCITY BUS (BETWEEN CITIES)
- (43) TRANSIT BUS (INTRACITY)
- (44) STREETCAR (ON TRACKS)
- (68) TRAIN (CARS)
- (69) LOCOMOTIVE (ENGINE, SWITCHER)
- (99) UNKNOWN

WHEELBASE (cm)
(999) UNKNOWN

350
58 59 60

Duplicate columns 1-8
from the previous card.

Module O V Format 0 2
9 10 11 12

OTHER VEHICLE OV-2

ORIGINAL SPECIFICATIONS

Wheelbase	<u>350</u> cm	Front Overhang	<u>0</u> <u>77</u> cm
Curb Weight	<u>2546</u> kg	Rear Overhang	<u>111</u> cm
Average Track Width	<u>174</u> cm	Undeformed End Width (UEW)	<u>185</u> cm
Overall Length	<u>538</u> cm	Engine Displacement	<u>5.4</u> L
Overall Width (OAW)	<u>201</u> cm	Engine: # of Cylinders	<u>08</u>

VEHICLE DAMAGE

Not Inspected ~
vehicle repaired

FRONTAL CRASH OVERLAP

Round up for .5. 98 = 98% or more
Enter % overlap or "99" for missing or N/A.

Direct Damage Length (DDL)

999 cm
35 37

Front-End Overlap (Percent) = DDL _____

99%
38 39

Vehicle Overlap (Percent) = DDL + 1/2 (OAW - UEW) _____

99%
40 41

Duplicate columns 1-8
from the previous card.

Module V 9 D 10 Format 0 11 4 12

VEHICLE DESCRIPTION VD-1

MAKE: Ford
MODEL: Focus ZX3

CARGO: None

VIN

3FAP3134YR

13

29

MANUFAC/BODY CODE

12127

30

34

MAKE/MODEL CODE

0228

38

MODEL YEAR

2000

39

42

VEHICLE MASS (kg)

001160

43

48

ODOMETER (km)

(ENTER 9'S IF UNKNOWN)

888888

49

54

NUMBER OF OCCUPANTS

(ENTER 9'S IF UNKNOWN)

03

56

TRAVELING SPEED (km/h)

997

59

- (000) PARKED OR STOPPED
- (995) JUST STARTING UP
- (996) BACKING UP
- (997) SPEED NOT EXCESSIVE (BUT UNKNOWN)
- (998) SPEED EXCESSIVE (BUT UNKNOWN)
- (999) UNKNOWN

VEHICLE TYPE

PASSENGER VEHICLE

- (11) 2-DOOR HARDTOP (NO UPPER B-PILLAR)
- (12) 2-DOOR SEDAN OR COUPE
(ANY UPPER B-PILLAR)
- (13) 4-DOOR HARDTOP
- (14) 4-DOOR SEDAN
- (15) STATION WAGON
- (16) CONVERTIBLE
- (18) OTHER PASS. VEH. :
- (19) PASSENGER VEHICLE, TYPE UNKNOWN

MULTIPURPOSE PASSENGER VEHICLE

- (21) SMALL UTILITY (E.G. JEEP, SCOUT, BRONCO)
- (22) LARGE UTILITY (E.G. PANEL TRUCK, SUBURBAN)
- (23) VAN, SIZE UNKNOWN
- (24) VAN, SMALL (MINI)
- (25) VAN, LARGE
- (29) MPV, TYPE UNKNOWN
- (30) MOTOR HOME

TRUCK

- (31) PICKUP TRUCK, UNKNOWN
- (32) PICKUP TRUCK, SMALL (DOWNSIZED)
- (33) PICKUP TRUCK, LARGE
- (99) UNKNOWN

12

60 61

STOLEN VEHICLE

- (0) NO
- (1) YES
- (8) NOT COLLECTED
- (9) UNKNOWN

8
62

BODY STRUCTURE

- (1) BODY & FRAME
- (2) UNITIZED
- (3) INTEGRAL-STUB FRAME
- (4) BODY & PLATFORM FRAME
(E.G. VW BUG)
- (5) PARTIALLY UNITIZED
- (7) OTHER: _____
- (9) UNKNOWN

2
63

TRANSMISSION

- (0) NONE
- (1) AUTOMATIC
- (2) MANUAL
- (9) UNKNOWN

1
64

LOCATION OF TRANSMISSION
SELECTOR LEVER

- (1) FLOOR
- (2) CONSOLE
- (3) COLUMN
- (7) OTHER: _____
- (9) UNKNOWN

2
65

STEERING

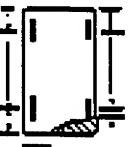
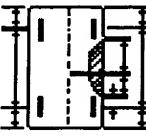
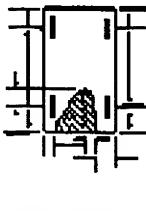
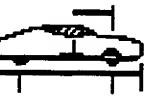
- (1) POWER
- (2) MANUAL
- (9) UNKNOWN

1
66

BRAKES

- (1) POWER
- (2) MANUAL
- (9) UNKNOWN

2
67

TYPE OF BRAKES (1) DRUM, ALL WHEELS (2) DISC, FRONT WHEELS (3) DISC, ALL WHEELS (9) UNKNOWN	<u>2</u> 68	WHEELBASE (cm) (999) Unknown	<u>262</u> 76 77 78
BRAKE ANTI-LOCK DEVICE (0) NONE INSTALLED (1) TWO-WHEEL (2) FOUR-WHEEL (7) EQUIPPED, UNKNOWN WHEELS (9) UNKNOWN	<u>1</u> 69	PLASTIC ANTI-LACERATIVE INNER LAYER GLASS EQUIPPED (0) NONE (1) WINDSHIELD (2) WINDSHIELD AND SIDE (7) OTHER (9) UNKNOWN	<u>1</u> 79
AIR CONDITIONING IN VEHICLE (0) NO (1) YES (8) NOT COLLECTED (9) UNKNOWN	<u>8</u> 70		
TYPE OF DRIVE (1) REAR WHEEL (2) FRONT WHEEL (3) FOUR WHEEL (4) ALL WHEEL DRIVE (9) UNKNOWN	<u>2</u> 71	FIELD INVESTIGATOR INSTRUCTIONS: 1. INDICATE CRUSHED AREAS BY OUT-LINING NEW PERIMETER OF VEHICLE AND SHADING THE DAMAGED AREAS ON THE LARGE SKETCH ON PAGE VD-3. USE AS MANY SKETCHES AS NECESSARY TO COMPLETELY DESCRIBE THE DAMAGE. 2. ENTER THE DIMENSIONS ON THE SKETCH(ES) MEASURED TO THE POINT OF MAXIMUM PENETRATION BY THE OBJECT(S) CONTACTED. USE THE EXAMPLES BELOW AS A GUIDE. 3. ENTER THE THREE DIMENSIONS TO THE CENTER OF THE WHEELS (WHEELBASE, FRONT AND REAR OVERHANGS) ON BOTH SIDES OF THE CAR. 4. ADD OTHER DIMENSIONS AS NECESSARY TO COMPLETELY DESCRIBE THE DAMAGE.	
DUAL REAR WHEELS (0) NO (1) YES (9) UNKNOWN	<u>1</u> 72	EXAMPLES:	
ORIGINAL TYPE OF RESTRAINT SYSTEM (1) ACTIVE BELT (2) PASSIVE BELT (3) AIRBAG (4) KNEE BOLSTERS (7) OTHER: _____ (8) NOT APPLICABLE (NOT EQUIPPED) (9) UNKNOWN	<u>3</u> 73	 FRONT OR REAR	 SIDE
EQUIPPED WITH ROLL BAR (0) NO (1) YES (9) UNKNOWN	<u>1</u> 74	 ROOF (REFERENCE TO TOP OF DOOR SILL OR WINDOW SILL)	
TYPE OF ROOF (0) NONE (1) SOLID (2) T-TOP CLOSED (3) T-TOP OPEN (4) SUN ROOF CLOSED (5) SUN ROOF OPEN (6) CONVERTIBLE CLOSED (7) CONVERTIBLE OPEN (8) OTHER: _____ (9) UNKNOWN	<u>1</u> 75		

Duplicate columns 1-8
from the previous card.

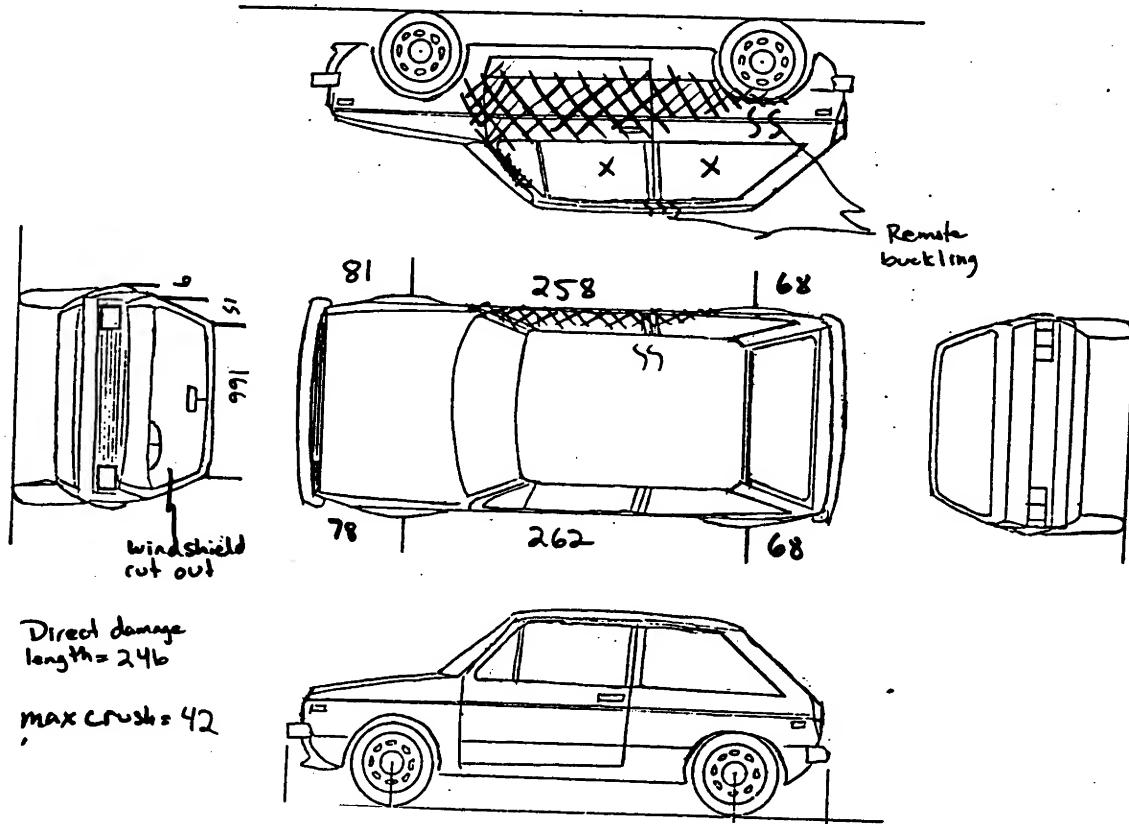
Module V D Format 0 2
9 10 11 12

VEHICLE DESCRIPTION VD-3

ORIGINAL SPECIFICATIONS

Wheelbase	<u>262</u> cm	Front Overhang	<u>088</u> cm
Curb Weight	<u>1160</u> kg	Rear Overhang	<u>077</u> cm
Average Track Width	<u>147</u> cm	Undeformed End Width (UEW)	<u>150</u> cm
Overall Length	<u>427</u> cm	Engine Displacement	<u>2.0</u> L
Overall Width (OAW)	<u>170</u> cm	Engine: # of Cylinders	<u>04</u>

VEHICLE DAMAGE



FRONTAL CRASH OVERLAP

Round up for .5. 98 = 98% or more
Enter % overlap or "99" for missing or N/A.

Direct Damage Length (DDL)

999 cm
35 37

Front-End Overlap (Percent) = DDL _____

99 %
38 39

Vehicle Overlap (Percent) = DDL + 1/2 (OAW - UEW) _____

99 %
40 41

Duplicate columns 1-8
from the previous card.

Module D
9 A
10 Format 0
11 2
12

DAMAGE DA-1

PRIMARY	CASE VEHICLE PRIMARY CDC	CONTACTED VEHICLE ASSOCIATED CDC
EVENT NUMBER	<u>1</u> <u>999</u> 14 15 16	<u>999</u> 35 36 37
IMPACT SPEED (km/h)		
ESTIMATED BY		
CRUSH (cm)	<u>Φ42</u> 18 19 20	<u>999</u> 39 40 41
CDC #1	<u>02.RPAW.3</u> 21 27	<u>99.00000.0</u> 42 48
CDC #2	<u>98.00000.0</u> 28 34	<u>98.00000.0</u> 49 55

Duplicate columns 1-8
from the previous card.

Module D
9 A
10 Format 0
11 3
12

SECONDARY	CASE VEHICLE SECONDARY CDC	CONTACTED VEHICLE ASSOCIATED CDC
EVENT NUMBER	<u>8</u> 13	
IMPACT SPEED (km/h)	14 15 16	35 36 37
ESTIMATED BY	17	38
CRUSH (cm)	18 19 20	39 40 41
CDC #1	21 - - - - 27	42 - - - - 48
CDC #2	28 - - - - 34	49 - - - - 55

CODES

EVENT NUMBER	IMPACT SPEED ESTIMATOR	CRUSH
(8) NOT APPLICABLE	(1) INVESTIGATOR	(998) NOT APPLICABLE
(9) UNKNOWN	(2) DRIVER	(NO VEHICLE/DAMAGE)
IMPACT SPEED	(3) POLICE	(999) UNKNOWN
(998) NOT APPLICABLE	(4) "CRASH" PROGRAM	CDC
(999) UNKNOWN	(5) OTHER COMPUTER PROGRAM SPECIFY: _____	(9800000) NOT APPLICABLE
	(7) OTHER:	(9900000) UNKNOWN
	(8) NOT APPLICABLE (NO VEHICLE/NO IMPACT)	

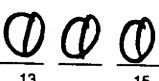
Duplicate columns 1-8
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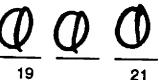
Module D A Format 0 1
9 10 11 12

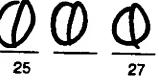
DAMAGE DA-2

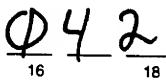
MAXIMUM SHEET METAL CRUSH

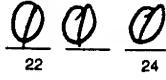
(cm) (999) UNKNOWN

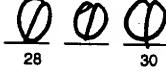
FRONT 
13 15

REAR 
19 21

ROOF 
25 27

RIGHT SIDE 
16 18

LEFT SIDE 
22 24

OTHER 
28 30

CHRONOLOGICAL SEQUENCE OF DAMAGE/INJURY PRODUCING CRASH EVENTS FOR CASE VEHICLE

NOTE: IF CHRONOLOGICAL ORDER
IS UNKNOWN, EVENT
ORDER IS OPTIONAL.

DO YOU KNOW THIS TABLE
TO BE IN CHRONOLOGICAL ORDER?

1
31

(0) NO
(1) YES

EVENT NUMBER	IMPACT LOCATION (1) ON ROADWAY (2) SHOULDER/MEDIAN/GORE (3) ON ROADSIDE (4) OUTSIDE ROADSIDE RIGHT-OF-WAY (5) OTHER (6) OFF ROADWAY, LOC. UNK. (9) UNKNOWN	IMPACT CONFIGURATION FOR CODES, SEE TABLE ON PAGE DA-3.	OBJECT/VEHICLE CONTACTED FOR CODES, SEE TABLE ON PAGE DA-4.
# 1	 32	 34	 36
#2	 37	 39	 41
#3	 42	 44	 46
#4	 47	 49	 51
#5	 52	 54	 56
#6	 57	 59	 61
#7	 62	 64	 66

**CODES FOR
IMPACT CONFIGURATION****FRONT OF CASE VEHICLE**

- (11) AND FRONT OF CONTACTED VEHICLE
- (13) AND SIDE OF CONTACTED VEHICLE
- (14) AND REAR OF CONTACTED VEHICLE
- (16) ENDSWIPE BY CONTACTED VEHICLE
- (17) AND OBJECT
- (19) AND UNKNOWN OTHER VEHICLE CONFIGURATION

LEFT SIDE OF CASE VEHICLE

- (21) AND FRONT OF CONTACTED VEHICLE (TYPE T)
- (22) AND FRONT OF CONTACTED VEHICLE (TYPE L)
- (23) AND SIDE OF CONTACTED VEHICLE (NOT SIDESWIPE)
- (24) AND REAR OF CONTACTED VEHICLE (TYPE T)
- (25) AND REAR OF CONTACTED VEHICLE (TYPE L)
- (26) SIDESWIPE BY CONTACTED VEHICLE
- (27) AND OBJECT
- (29) AND UNKNOWN OTHER VEHICLE CONFIGURATION

REAR OF CASE VEHICLE

- (31) AND FRONT OF CONTACTED VEHICLE
- (33) AND SIDE OF CONTACTED VEHICLE
- (34) AND REAR OF CONTACTED VEHICLE
- (36) ENDSWIPE BY CONTACTED VEHICLE
- (37) AND OBJECT
- (39) AND UNKNOWN OTHER VEHICLE CONFIGURATION

RIGHT SIDE OF CASE VEHICLE

- (41) AND FRONT OF CONTACTED VEHICLE (TYPE T)
- (42) AND FRONT OF CONTACTED VEHICLE (TYPE L)
- (43) AND SIDE OF CONTACTED VEHICLE (NOT SIDESWIPE)
- (44) AND REAR OF CONTACTED VEHICLE (TYPE T)
- (45) AND REAR OF CONTACTED VEHICLE (TYPE L)
- (46) SIDESWIPE BY CONTACTED VEHICLE
- (47) AND OBJECT
- (49) AND UNKNOWN OTHER VEHICLE CONFIGURATION

OTHER

- (57) VEHICLE TO OBJECT
- (58) VEHICLE TO VEHICLE
- (59) VEHICLE TO VEHICLE, CONFIGURATION UNKNOWN

ROLLOVER

- (61) LESS THAN 360°
- (62) 360° OR MORE
- (69) DETAILS UNKNOWN

UNKNOWN

- (99) IMPACT TYPE UNKNOWN

CODES FOR VEHICLE/OBJECT CONTACTED

VEHICLE/OBJECT GROUPS

- (00) NO OBJECT
- (01) - (39) PASSENGER VEHICLE & TRUCK
- (40) - (69) OTHER VEHICLE
- (70) - (76) PEDESTRIAN & ON-ROADWAY OBJECT
- (77) - (97) OFF-ROADWAY OBJECT
- (98) OTHER (*DESCRIBE*)
- (99) UNKNOWN

PASSENGER VEHICLE

- (02) LARGE
- (03) LIMOUSINE
- (17) PICKUP
- (20) UNKNOWN PASSENGER VEHICLE BODY
- (24) SUB-MINI
- (25) MINI
- (26) SUB-COMPACT
- (27) COMPACT
- (28) INTERMEDIATE
- (29) FULL

SIZEWHEELBASE

SUB-MINI	< 2286 mm (< 90")
MINI	2286 - 2412 mm (90" - 94.9")
SUB-COMPACT	2413 - 2539 mm (95" - 99.9")
COMPACT	2540 - 2666 mm (100" - 104.9")
INTERMEDIATE	2667 - 2793 mm (105" - 109.9")
FULL	2794 - 2920 mm (110" - 114.9")
LARGE	2921 - 3174 mm (115" - 124.9")
LIMOUSINE	> 3175 mm (> 125")

MULTIPURPOSE PASSENGER VEHICLE

- (11) SMALL VAN (MINI)
- (12) PICKUP
- (14) SMALL UTILITY (WHEELBASE LESS THAN 107", E.G. JEEP, BRONCO)
- (15) LARGE UTILITY (WHEELBASE MORE THAN 107", E.G. PANEL TRUCK, SUBURBAN)
- (16) PICKUP TRUCK WITH CANOPY/SHELL COVER
- (17) PICKUP CAR WITH CANOPY/SHELL COVER
- (21) MOTOR HOME
- (22) PICKUP TRUCK WITH SLIDE-IN CAMPER
- (23) PICKUP CAR WITH SLIDE-IN CAMPER
- (31) CHASSIS-MOUNTED CAMPER

TRUCK

- (11) SMALL VAN (E.G. ECONOLINE)
- (12) PICKUP TRUCK
- (13) UNKNOWN LIGHT TRUCK
- (15) LARGE UTILITY (E.G. PANEL TRUCK, SUBURBAN)
- (16) PICKUP TRUCK WITH CANOPY/SHELL COVER
- (22) PICKUP TRUCK WITH SLIDE-IN CAMPER
- (30) UNKNOWN TRUCK TYPE
- (31) CHASSIS-MOUNTED CAMPER
- (33) DELIVERY VAN (WALK-IN)
- (34) STRAIGHT TRUCK
- (35) TRUCK-TRACTOR (BOBTAIL)
- (36) CHASSIS-CAB
- (37) UNKNOWN HEAVY TRUCK
- (38) TRACTOR & SEMI-TRAILER (SEMI)
- (39) TRUCK (OR SEMI) & FULL TRAILER(S)

BUS

- (40) UNKNOWN BUS TYPE
- (41) SCHOOL BUS
- (42) INTERCITY BUS (BETWEEN CITIES)
- (43) TRANSIT BUS (INTRACITY)
- (44) STREETCAR (ON TRACKS)

MOTORCYCLE

- (50) UNKNOWN MOTORCYCLE TYPE
- (51) 1 - 75 cc
- (52) 76 - 125 cc
- (53) 126 - 250 cc
- (54) 251 - 500 cc
- (55) 501 - 750 cc
- (56) 751 cc +
- (57) 3-WHEELS (OR WITH SIDECAR)

SPECIAL PURPOSE VEHICLE

- (60) UNKNOWN/OTHER SPECIAL VEHICLE (*DESCRIBE*)
- (61) SNOWMOBILE
- (62) ATV (ALL TERRAIN VEHICLE)
- (63) AMPHIBIOUS VEHICLE
- (64) FARM VEHICLE
- (65) CONSTRUCTION VEHICLE
- (66) TRAILER, PRIVATE (CAMPER)
- (67) TRAILER, COMMERCIAL (CARGO)
- (68) TRAIN (CARS)
- (69) LOCOMOTIVE (ENGINE, SWITCHER)

OBJECT

- (70) PEDESTRIAN
- (71) BICYCLIST, OTHER PEDALCYCLIST
- (72) PEDESTRIAN CONVEYANCE (E.G. PERSON RIDING ANIMAL, CART)
- (73) LARGE ANIMAL
- (74) FALLEN OBJECT (E.G. OBJECT DISLODGED FROM OTHER VEHICLE, FALLEN TREE, ROCKS)
- (75) ROCKS
- (76) CONSTRUCTION EQUIPMENT (EXCLUDING (65))
- (77) SIGN POST, UTILITY POLE, TREE
- (78) DITCH
- (79) EMBANKMENT, SNOWBANK, RR TRACKS RR X
- (80) GROUND (ROLLOVER ONLY)
- (81) CURB (DAMAGE PRODUCING IMPACTS ONLY)
- (82) CULVERT
- (83) FENCE
- (84) HYDRANT, SHORT POST, STUMP
- (85) SMALL POST/TREE, RURAL MAIL BOX, MILE MARKER, DELINEATOR
- (86) BUILDING
- (87) PIER, PILLAR, BRIDGE SUPPORT
- (88) ABUTMENT, RETAINING WALL
- (89) BRIDGE RAIL
- (90) GUARD RAIL, LEADING SECTION
- (91) GUARD RAIL, MIDDLE OR UNKNOWN
- (92) GUARD RAIL, TRAILING SECTION
- (93) GUARD POST (TIMBER, METAL, CONCRETE)
- (94) CABLE, FENCE BARRIER
- (95) CONCRETE BARRIER (MEDIAN)
- (96) IMPACT ATTENUATOR
- (97) BREAKAWAY FEATURES

Duplicate columns 1-8
from the previous card.

Module C R Format 0 1
 9 10 11 12

CRASH RECONSTRUCTION CR-1
for ΔV

		CASE VEHICLE PRIMARY IMPACT		CASE VEHICLE SECONDARY IMPACT	
		CASE VEHICLE	CONTACTED VEHICLE	CASE VEHICLE	CONTACTED VEHICLE
EVENT NUMBER		<u>1</u> 13		<u>—</u> 47	
ΔV (km/h)	TOTAL	<u>999</u> 14 15 16	<u>999</u> 32 33 34	<u>—</u> 48 49 50	<u>—</u> 66 67 68
	LONGITUDINAL*	<u>9999</u> 17 20	<u>9999</u> 35 38	<u>—</u> 51	<u>—</u> 69 72
	LATERAL*	<u>9999</u> 21 24	<u>9999</u> 39 42	<u>—</u> 55	<u>—</u> 73 76
*NOTE: THESE ΔV COMPONENTS MUST INCLUDE SIGN.					
EXAMPLES: 10 km/h = ± 01.0 -7 km/h = ± 007					
ENERGY DISSIPATED BY CRUSH (kj)		<u>9999</u> 25 28	<u>9999</u> 43 46	<u>—</u> 59	<u>—</u> 77 80
RECONSTRUCTION		<u>12</u> 29 30		<u>—</u> 63 64	
(01) REconstructed, UNKNOWN CONFIDENCE LEVEL					
(21) REconstructed, LOW CONFIDENCE LEVEL					
(22) REconstructed, MODERATE CONFIDENCE LEVEL					
(23) REconstructed, HIGH CONFIDENCE LEVEL					
NOT REconstructed BECAUSE					
(02) INSUFFICIENT DATA					
(03) EXCESSIVE UNDERRIde/ OVERRIde					
(04) ROLLOVER					
(05) VAULTING					
(06) OTHER TRAVEL IN MORE THAN ONE PLANE					
(07) NON-HORIZONTAL FORCE					
(08) SIDESWIPE-TYPE DAMAGE					
(09) YIELDING OBJECT					
(10) OTHER: _____					
(11) AT LEAST ONE VEHICLE BEYOND SCOPE					
(12) OTHER VEHICLE NOT INSPECTED					
MODE		<u>5</u> 31		<u>—</u> 65	
(1) CDC ONLY					
(2) CDC & DETAILED DAMAGE					
(3) TRAJECTORY & CDC					
(4) TRAJECTORY & CDC & DETAILED DAMAGE					
(5) NOT REconstructed					
COMPUTER PROGRAM SPECIFY: _____					

Duplicate columns 1-8
from the previous card.

Module C R Format 0 1 2
9 10 11 12

CRASH RECONSTRUCTION CR-2
for EBS

EVENT NUMBER	CASE VEHICLE PRIMARY IMPACT			CASE VEHICLE SECONDARY IMPACT		
	CASE VEHICLE	CONTACTED VEHICLE	CASE VEHICLE	CONTACTED VEHICLE		
	1 13			47		
EBS (km/h) TOTAL	032 14 15 16	999 32 33 34		48 49 50		66 67 68
LONGITUDINAL*	-016 17 20	9999 35 38		51 ----- 54		69 ----- 72
LATERAL*	-028 21 24	9999 39 42		55 ----- 58		73 ----- 76
*NOTE: THESE EBS COMPONENTS MUST INCLUDE SIGN.						
EXAMPLES: 10 km/h = +0.10 -7 km/h = -0.07						
ENERGY DISSIPATED BY CRUSH (kJ)	0075 25 28	9999 43 46		59 ----- 62		77 ----- 80
RECONSTRUCTION	74819					
(01) RECONSTRUCTED, UNKNOWN CONFIDENCE LEVEL	22 29 30			63 64		
(21) RECONSTRUCTED, LOW CONFIDENCE LEVEL						
(22) RECONSTRUCTED, MODERATE CONFIDENCE LEVEL						
(23) RECONSTRUCTED, HIGH CONFIDENCE LEVEL						
NOT RECONSTRUCTED BECAUSE						
(02) INSUFFICIENT DATA						
(03) EXCESSIVE UNDERRISE/ OVERRISE						
(04) ROLLOVER						
(05) VAULTING						
(06) OTHER TRAVEL IN MORE THAN ONE PLANE						
(07) NON-HORIZONTAL FORCE						
(08) SIDESWIPE-TYPE DAMAGE						
(09) YIELDING OBJECT						
(10) OTHER: _____						
(11) AT LEAST ONE VEHICLE BEYOND SCOPE						
(12) OTHER VEHICLE NOT INSPECTED						
MODE	2 31			65		
(1) CDC ONLY						
(2) CDC & DETAILED DAMAGE						
(3) TRAJECTORY & CDC						
(4) TRAJECTORY & CDC & DETAILED DAMAGE						
(5) NOT RECONSTRUCTED						
COMPUTER PROGRAM SPECIFY: <u>WINSmash</u>						

Duplicate columns 1-8
from the previous card.

Module C R Format O 3
 9 10 11 12

CRASH RECONSTRUCTION CR-3

NOTES: 1. ENTER CRASH RECONSTRUCTION DAMAGE MEASUREMENTS IN CENTIMETERS.

2. MEASURE C₁ TO C₆ FROM DRIVER TO PASSENGER SIDE IN FRONT OR REAR IMPACTS, REAR TO FRONT IN SIDE IMPACTS.

- 3. D IS POSITIVE IF MEASURED TO A POINT FORWARD OF OR TO THE RIGHT OF THE CG.**
- 4. USE THE CENTER OF THE WHEELBASE AS THE CG.**

CASE VEHICLE

LOCATOR

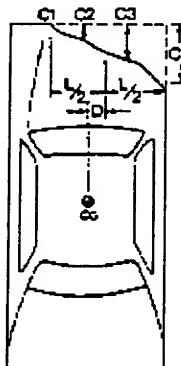
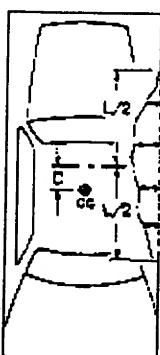
Locate the end of the damage with respect to the vehicle longitudinal center line, or an undamaged axle for side impacts.

Specific Impact No.	Location of Direct Damage	Location of Field L
1	Begins -32 from front axle	Begins -15 from front axle



PLANE:

- (1) Bumper
- (2) Above Bumper
- (3) Sill
- (4) Above Sill
- (5) Other _____
- (9) Unknown



DL N/A
UDL N/A

CRUSH PROFILE IN CENTIMETERS

NOTE: Each line in the table below is a separate record (card). **Duplicate columns 1 - 12 for each completed line.**

18 * Max crush is -8 from C3

Duplicate columns 1-8
from the previous card.

Module C
9 R
10 Format 0
11 4
12

CRASH RECONSTRUCTION CR-4

NOTES: 1. ENTER CRASH RECONSTRUCTION DAMAGE MEASUREMENTS IN CENTIMETERS.

2. MEASURE C₁ TO C₆ FROM DRIVER TO PASSENGER SIDE IN FRONT OR REAR IMPACTS, REAR TO FRONT IN SIDE IMPACTS.

3. D IS POSITIVE IF MEASURED TO A POINT FORWARD OF OR TO THE RIGHT OF THE CG.

4. USE THE CENTER OF THE WHEELBASE AS THE CG.

OTHER VEHICLE

LOCATOR

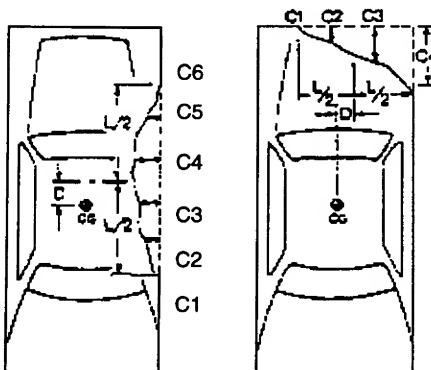
Locate the end of the damage with respect to the vehicle longitudinal center line, or an undamaged axle for side impacts.

Specific Impact No.	Location of Direct Damage	Location of Field L

*NOT
INSpected
(repaired)*

PLANE:

- (1) Bumper
- (2) Above Bumper
- (3) Sill
- (4) Above Sill
- (5) Other _____
- (9) Unknown



DL _____
UDL _____

CRUSH PROFILE IN CENTIMETERS

NOTE: Each line in the table below is a separate record (card).

Duplicate columns 1 - 12 for each completed line.

Specific Impact Number	Plane of Impact C-Measur.	Direct Damage		Field L	C ₁	C ₂	C ₃	C ₄	C ₅	C ₆	±D
		Length (DDL)	Max Crush								
1											
13	14	15 16 17	18 19 20	21 22 23	24 25 26	27 28 29	30 31 32	33 34 35	36 37 38	39 40 41	42 43 44 45
2											

Duplicate columns 1-8
from the previous card.

Module W
9 T
10 Format 0
11 1
12

WHEELS AND TIRES

WT-1

WHEELS--DAMAGED

- (0) NO
- (1) YES
- (9) UNKNOWN

LF Ø
13
RF Ø
RR Ø
LR Ø
16

SIZE (NOT DOT CODE. IF UNKNOWN, USE 9'S)

LF P 19 56 Ø R 15
25

RF P 19 56 Ø R 15
35

RR P 19 56 Ø R 15
45

LR P 19 56 Ø R 15
55

TIRE TREAD TYPE

- (1) REGULAR
- (2) SNOW
- (3) SLICKS
- (4) ALL WEATHER (MS)
- (7) OTHER: _____
- (9) UNKNOWN

LF 4
17
RF 4
RR 4
LR 4
20

CARCASS CONSTRUCTION

- (1) BIAS
- (2) BELTED BIAS
- (3) RADIAL
- (4) ELLIPTICAL
- (5) HI PRESSURE SPARE
- (6) SPACE SAVER SPARE
- (7) OTHER: _____
- (9) UNKNOWN

LF 3
21
RF 3
RR 3
LR 3
24

IF VEHICLE IS EQUIPPED WITH DUAL
WHEELS, COMPLETE FOR OUTER WHEELS
AND MAKE NOTES ON INNER WHEELS.

NOTES: _____

Duplicate columns 1-8
from the previous card.

Module F
9 T
10 Format 0
11 1
12

FUEL AND FUEL TANKS FT-1

TYPE OF PROPULSIVE FUEL	<u>1</u> 13	AUXILIARY TANK TYPE (1) OEM TANK (2) AFTER MARKET TANK (8) NOT APPLICABLE (NOT EQUIPPED) (9) UNKNOWN	<u>8</u> 21
MAIN TANK LOCATION	<u>122</u> 14 16	AUXILIARY TANK LOCATION	<u>888</u> 22 24
MAIN FILLER CAP LOCATION	<u>133</u> 17 19	AUXILIARY FILLER CAP LOCATION	<u>888</u> 25 27
MAIN TANK MATERIAL	<u>3</u> 20	AUXILIARY TANK MATERIAL	<u>8</u> 28

TANK AND FILLER CAP LOCATION CODES

FIRST DIGIT (LONGITUDINAL)

- (1) BEHIND KICK-UP
- (2) IN KICK-UP
- (3) BETWEEN KICK-UP & COWL
- (4) FORWARD OF COWL
- (8) NOT APPLICABLE (NOT EQUIPPED)
- (9) UNKNOWN

SECOND DIGIT (LATERAL)

- (1) LEFT OF FRAME
- (2) WITHIN FRAME OR CENTERED
- (3) RIGHT OF FRAME
- (4) DUAL, RIGHT & LEFT TANKS
- (8) NOT APPLICABLE (NOT EQUIPPED)
- (9) UNKNOWN

THIRD DIGIT (VERTICAL)

- (1) BELOW FRAME
- (2) WITHIN FRAME OR CENTERED
- (3) ABOVE FRAME
- (8) NOT APPLICABLE (NOT EQUIPPED)
- (9) UNKNOWN

TANK MATERIAL CODES

- (1) STEEL
- (2) ALUMINUM
- (3) PLASTIC
- (7) OTHER
- (8) NOT APPLICABLE (NOT EQUIPPED)
- (9) UNKNOWN

Duplicate columns 1-8
from the previous card.

Module F L Format 0 1
 9 10 11 12

FUEL LEAKAGE FL-1

DID FUEL LEAKAGE RESULT FROM A CRASH EVENT

(0) NO KNOWN LEAKAGE SKIP PAGE.

(1) YES COMPLETE PAGE.



LEAK NUMBER	I LEAKING COMPONENT	II COMPONENT SOURCE	III TYPE OF DAMAGE	IV SEVERITY OF DAMAGE	V LOCATION OF LEAK	EVENT NUMBER
#1	14 15	—	—	—	—	21
#2	22 23	—	—	—	—	29
#3	30 31	—	—	—	—	37
#4	38 39	—	—	—	—	45
#5	46 47	—	—	—	—	53

I LEAKING COMPONENT

TANK AREA

- (11) MAIN FUEL TANK (INCLUDING VAPOR RECOVERY DOME)
- (12) AUXILIARY FUEL TANK
- (13) MAIN TANK FILLER TUBE
- (14) MAIN TANK CAP (GAS CAP)
- (15) AUXILIARY TANK FILLER TUBE
- (16) AUXILIARY TANK CAP (GAS CAP)
- (19) TANK AREA, DETAILS UNKNOWN

DELIVERY SYSTEM

- (21) FUEL FEED LINE (MAIN TANK TO FUEL PUMP)
- (22) FUEL FEED LINE (AUXILIARY TANK TO FUEL PUMP)
- (23) FUEL RETURN LINE (FUEL PUMP TO TANK)
- (24) INLINE FUEL FILTER
- (25) FUEL LINE (PUMP TO CARBURETOR OR INJECTOR PUMP)
- (26) CARBURETOR TO INJECTOR PUMP
- (27) FUEL PUMP
- (29) DELIVERY SYSTEM, DETAILS UNKNOWN

EVAPORATIVE EMISSION CONTROL SYSTEM

- (31) ATMOSPHERIC VENT PIPE (NON-EEC EQUIPPED)
- (32) EEC PIPE (VAPOR CANISTER TO CARBURETOR)

EEC SYSTEM (CONTINUED)

- (33) VAPOR RECOVERY HOSES (CANISTER TO CARBURETOR)
- (34) LIQUID-VAPOR SEPARATOR (UNLESS PART OF TANK)
- (35) CANISTER
- (39) EEC SYSTEM, DETAILS UNKNOWN

II COMPONENT SOURCE

- (1) OEM
- (2) AFTER MARKET
- (9) UNKNOWN

III TYPE OF DAMAGE

- (1) DENTED/CRUSHED
- (2) PUNCTURED
- (3) Ruptured
- (4) SEVERED/GROSS TEARS
- (5) DISCONNECTED/DEFEATED
- (9) UNKNOWN

IV SEVERITY OF DAMAGE

- (1) MINOR
- (2) MODERATE
- (3) SEVERE
- (4) DISCONNECTED/DEFEATED
- (9) UNKNOWN

V LOCATION OF LEAK

FIRST DIGIT
(LONGITUDINAL LOCATION)

- (1) F, FORWARD OF COWL
- (2) P, BETWEEN COWL & REAR BULKHEAD
- (3) B, BEHIND REAR BULKHEAD
- (4) Y, F, & P
- (5) Z, P, & B
- (6) D, DISTRIBUTED (F, P & B)
- (9) UNKNOWN

SECOND DIGIT
(LATERAL LOCATION)

- (1) L, LEFT
- (2) C, CENTER
- (3) R, RIGHT
- (4) Y, LEFT CENTER (L & C)
- (5) Z, RIGHT CENTER (R & C)
- (6) D, DISTRIBUTED (F, P & B)
- (9) UNKNOWN

Duplicate columns 1-8
from the previous card.

Module F R Format 0 1
 9 10 11 12

FIRE FR-1

WAS THERE FIRE IN OR ON CASE VEHICLE?

(0) NO SKIP PAGE.



13

(1) YES COMPLETE PAGE.

DID FIRE START IN CASE VEHICLE?

(0) NO
(1) YES
(9) UNKNOWN

14

SEVERITY OF FIRE DAMAGE

(1) MINOR
(2) MODERATE
(3) SEVERE
(9) UNKNOWN

16

FLAME PROPOGATION RATE

(1) RAPID/EXPLOSIVE
(2) SLOW/MODERATE
(9) UNKNOWN

15

DID AN INJURY TO CASE
VEHICLE OCCUPANT RESULT FROM
FIRE IN OR ON CASE VEHICLE?

(0) NO
(1) YES
(9) UNKNOWN

17

PROVIDE NOTES IF FIRE OCCURRED.

Duplicate columns 1-8
from the previous card.

Module E D Format 0 1
9 10 11 12

EXTERIOR DAMAGE

ED-1

HOOD PERFORMANCE				STEERING COL FLEXIBLE COUPLING	
FOR THE FOLLOWING, USE CODES:				FLEXIBLE COUPLING TYPE	
(0) NO (1) YES (8) NOT APPLICABLE (9) UNKNOWN				(0) NONE (1) FLEXIBLE MATERIAL (2) POT (3) SINGLE U-JOINT (4) DOUBLE U-JOINT (5) FLEXIBLE CABLE (6) COMBINATION OF ABOVE (CIRCLE EACH) (7) OTHER: _____ (8) EQUIPPED, TYPE UNKNOWN (9) UNKNOWN, IF EQUIPPED	<u>9</u> <u>26</u>
HOOD LATCH(ES)-	-RELEASED		13	COUPLING- (USE CODES FROM HOOD PERFORMANCE)	-DAMAGED <u>9</u> <u>27</u>
	-DAMAGED		14		
	-JAMMED		15		
HOOD HINGES-	-LEFT,	DAMAGED	16	-SEPARATED (COMPLETE)	<u>9</u> <u>28</u>
	-LEFT,	SEPARATED (COMPLETE)	17		
	-RIGHT,	DAMAGED	18		
	-RIGHT,	SEPARATED (COMPLETE)	19		
HOOD REMAINED ON VEHICLE			20	ENG COMPART TELESCOPING UNIT	
REAR EDGE OF HOOD-	-ELEVATED		21	TYPE OF UNIT	
	-CONTACTED WINDSHIELD		22	(00) NONE INSTALLED (01) - (07) SEE UNITS ON PAGE ED-2 (88) NOT COLLECTED (97) OTHER: _____ (98) EQUIPPED, TYPE UNKNOWN (99) UNKNOWN IF EQUIPPED	<u>8</u> <u>8</u> <u>29</u> <u>30</u>
	-PENETRATED WINDSHIELD		23		
HOOD LATCH LOCATION			24	ORIGINAL LENGTH (mm)	
(1) FRONT OF VEHICLE (2) COWL AREA (3) SIDE (8) NOT APPLICABLE (9) UNKNOWN				F (OR H): _____	
ENGINE OR TRANSMISSION MOUNT			25	TELESCOPED LENGTH (mm)	
SEPARATION (COMPLETE)				G: _____	
(0) NO (1) YES (9) UNKNOWN				DIFFERENCE (mm)	
				F (OR H) - G	
				(IF LESS THAN 15mm, ENTER "000")	
				(888) NOT COLLECTED (991) NOT MEASURED/NO COMPRESSION (992) COMPRESSED, AMOUNT UNKNOWN (993) DEVICE EXTENDED (997) UNABLE TO BE MEASURED (998) NOT APPLICABLE (NOT EQUIPPED) (999) UNKNOWN	<u>8</u> <u>8</u> <u>8</u> <u>31</u> <u>33</u>

LEFT-SIDE BODY MOUNT		8 34	LEFT DOORS	
DID BODY MOUNT SEPARATE?			HOW DID DOORS OPEN DURING COLLISION?	
(0) NO (1) YES (8) NOT APPLICABLE (9) UNKNOWN			USE CODES:	
			(0) DOOR DID NOT OPEN OPENED BECAUSE OF	
			(1) HINGE AREA SEPARATION (2) DOOR-LATCH SEPARATION (3) LATCH-STRIKER SEPARATION (4) STRIKER-PILLAR SEPARATION (5) BODY DISTORTION (6) COMBINATION OF ABOVE <i>(CIRCLE EACH)</i> (7) OPENED, REASON UNKNOWN	
			(8) NOT APPLICABLE (NO DOOR) (9) UNKNOWN	
LEFT PILLARS			-FRONT	8 43
PILLARS SEPARATED COMPLETELY -			-REAR	8 44
USE CODES:				
(0) NO (1) YES (4) NO SEPARATION, BUT DAMAGED (8) NOT APPLICABLE (NOT EQUIPPED) (9) UNKNOWN				
-A-PILLAR, UPPER		8 35		
LOWER		8 36		
-B-PILLAR, UPPER		8 37		
LOWER		8 38	DOORS JAMMED CLOSED-	
-C-PILLAR, UPPER		8 39	USE CODES:	
LOWER		8 40	(0) NO (1) YES (8) NOT APPLICABLE (NO DOOR) (9) UNKNOWN	
-D-PILLAR, UPPER		8 41	-FRONT	8 45
LOWER		8 42	-REAR	8 46

REAR DOOR

REAR DOOR TYPE

- (0) NO DOOR (INCLUDES PICKUPS)
- (1) HATCHBACK
- (2) ONE-WAY TAILGATE
- (3) TWO-WAY TAILGATE
- (4) CLAMSHELL/DISAPPEARING TAILGATE
- (5) SINGLE DOOR
- (6) DOUBLE DOOR
- (9) UNKNOWN

Hatchback



One-way



Two-way



or



Clamshell



Single door



Double door



HOW DID DOOR OPEN DURING COLLISION?

- (0) DOOR DID NOT OPEN

OPENED BECAUSE OF

- (1) HINGE AREA SEPARATION
- (2) DOOR-LATCH SEPARATION
- (3) LATCH-STRIKER SEPARATION
- (4) STRIKER-PILLAR SEPARATION
- (5) BODY DISTORTION
- (6) COMBINATION OF ABOVE
(CIRCLE EACH)
- (7) OPENED, REASON UNKNOWN
- (8) NOT APPLICABLE (NO DOOR)
- (9) UNKNOWN

DOOR JAMMED CLOSED

- (0) NO
- (1) YES
- (8) NOT APPLICABLE (NO DOOR)
- (9) UNKNOWN

2
47

OTHER REAR DAMAGE

WAS PARTITION TO LUGGAGE AREA DAMAGED DURING COLLISION?

- (0) NO
- (1) YES
- (8) NOT APPLICABLE
- (9) UNKNOWN

8
50

SPARE TIRE

- (0) NO SPARE TIRE
- (1) NOT ATTACHED BEFORE COLLISION
- (2) ATTACHED, NOT SEPARATED IN COLLISION
- (3) ATTACHED, SEPARATED DUE TO COLLISION
- (8) NOT COLLECTED
- (9) UNKNOWN

8
51

TRAILER HITCH TYPE

- (0) NO HITCH

BALL-AND-SOCKET TYPES

- (1) TEMPORARY FRAMEWORK (E.G. RENTAL CLAMP-ON)
- (2) BUMPER-MOUNT ONLY (E.G. LIGHT TRUCK)
- (3) BUMPER-AND-FRAME (BUT NON-EQUALIZING)
- (4) LOAD EQUALIZING

1
52

OTHER TYPES

- (5) RING-AND-PINTLE
- (6) FIFTH-WHEEL (INCL. P/U)
- (7) OTHER (E.G. CLEVIS-AND-PIN)

- (8) EQUIPPED, TYPE UNKNOWN
- (9) UNKNOWN IF EQUIPPED

1
48

TRAILER TYPE
(AT TIME OF COLLISION)

- (0) NO TRAILER
- (1) TRAVEL-TRAILER/CAMPER
- (2) MOBILE HOME
- (3) BOAT/SNOWMOBILE/ATV TRAILER
- (4) UTILITY TRAILER
- (5) TOWED CAR
- (7) OTHER: _____
- (8) TRAILER, TYPE UNKNOWN
- (9) UNKNOWN

1
53

1
49

RIGHT-SIDE BODY MOUNT			
DID BODY MOUNT SEPARATE?		8 54	RIGHT DOORS
(0) NO (1) YES (8) NOT APPLICABLE (9) UNKNOWN			HOW DID DOORS OPEN DURING COLLISION?
RIGHT PILLARS	PILLARS SEPARATED COMPLETELY -		USE CODES:
USE CODES:			(00) DOOR DID NOT OPEN
(0) NO (1) YES (4) NO SEPARATION, BUT DAMAGED (8) NOT APPLICABLE (NOT EQUIPPED) (9) UNKNOWN	-A-PILLAR, UPPER	4 55	OPENED BECAUSE OF
	LOWER	4 56	(01) HINGE AREA SEPARATION (02) DOOR-LATCH SEPARATION (03) LATCH-STRIKER SEPARATION (04) STRIKER-PILLAR SEPARATION (05) BODY DISTORTION (06) COMBINATION OF ABOVE (CIRCLE EACH) (07) OPENED, REASON UNKNOWN (11) VAN RIGHT-REAR DOOR OPENED (ANY MECHANISM)
	-B-PILLAR, UPPER	4 57	(98) NOT APPLICABLE (NO DOOR) (99) UNKNOWN
	LOWER	4 58	<i>removed during extrication of occupant(s)</i>
	-C-PILLAR, UPPER	0 59	-FRONT -REAR
	LOWER	0 60	DOORS JAMMED CLOSED-
	-D-PILLAR, UPPER	8 61	USE CODES:
	LOWER	8 62	(0) NO (1) YES (8) NOT APPLICABLE (NO DOOR) (9) UNKNOWN
			-FRONT -REAR
			VAN REAR DOOR TYPE
			(0) VAN, NO REAR DOOR (1) TRACK (SLIDING) - RIGHT SIDE (2) SINGLE-HINGED - RIGHT SIDE (3) DOUBLE-HINGED - RIGHT SIDE (4) TRACK (SLIDING) - RIGHT & LEFT SIDE (5) SINGLE-HINGED - RIGHT & LEFT SIDE (6) DOUBLE-HINGED - RIGHT & LEFT SIDE (7) TRACK AND HINGED COMBINATION (8) NOT APPLICABLE (NOT A VAN) (9) UNKNOWN

WINDSHIELD DAMAGE

WINDSHIELD CRACKED

(0) NO
 (1) YES
 (8) NOT APPLICABLE
 (9) UNKNOWN

1
70WINDSHIELD BROKEN
(PLASTIC INTERLAYER TORN)

(0) NO
 (1) YES
 (8) NOT APPLICABLE
 (9) UNKNOWN

0
71CRACKED OR BROKEN
BY OCCUPANT CONTACT

(0) NO
 (1) YES
 (8) NOT APPLICABLE
 (9) UNKNOWN

0
72

EXTENT OF BOND SEPARATION

(0) NONE
 (1) 1 - 20%
 (2) 21 - 40
 (3) 41 - 60
 (4) 61 - 80
 (5) 81 - 99
 (6) TOTAL
 (7) SEPARATED, AMOUNT
 UNKNOWN
 (8) NOT APPLICABLE
 (9) UNKNOWN

0
73

WINDSHIELD MARK ON CASE VEHICLE:

U Ford R
CAR LITE
SOLAR TINT
LAMINATED AS-1

WINDSHIELD CODE

(97) DESCRIBED BUT NOT CODED
 (98) NOT APPLICABLE (NO WINDSHIELD)
 (99) UNKNOWN

97
74 75

ROOF

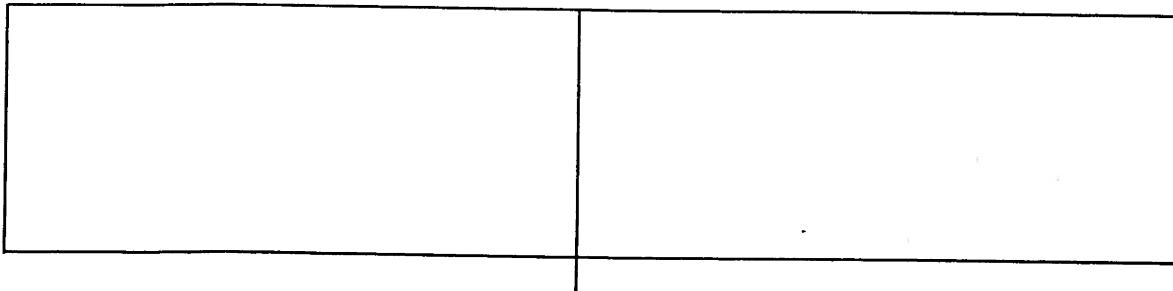
DID T-ROOF/SUN ROOF OPEN
DURING COLLISION?

(0) NO
 (1) YES
 (8) NOT APPLICABLE
 (NOT A T-ROOF OR SUN ROOF)
 (9) UNKNOWN

8
76

LOCATE AREA OF WINDSHIELD INTEREST OR DAMAGE WITH DIMENSIONS (VERTICAL & HORIZONTAL) ON THIS DIAGRAM OF THE WINDSHIELD AS VIEWED FROM INSIDE.

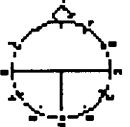
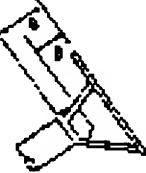
cut out by EMTs



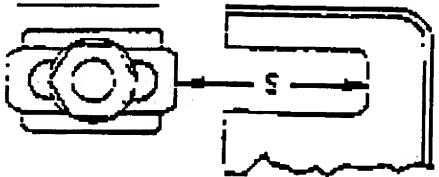
L

C

R

STEERING WHEEL			STEERING WHEEL POSITION AT TIME OF COLLISION	
STEERING WHEEL RIM DAMAGE		<input type="radio"/> 13	IN WHAT O'CLOCK POSITION WAS THE NORMAL TOP OF THE WHEEL POINTED WHEN THE COLLISION OCCURRED? <i>per interviewee</i>	
(0) NONE (1) DEFORMED SLIGHTLY (2) SEVERELY BENT (3) BROKEN (9) UNKNOWN			EXAMPLES O'CLOCK = <u>12</u> O'CLOCK = <u>9</u>	
NUMBER OF STEERING WHEEL SPOKES		<u>4</u> 14	 (NORMAL STRAIGHT AHEAD)	 O'CLOCK = <u>10</u>
STEERING WHL SPOKE DAMAGE		<input type="radio"/> 15	STEERING WHEEL ENERGY ABSORBING DEVICE	
(0) NONE (1) DEFORMED SLIGHTLY (2) SEVERELY BENT (3) BROKEN (9) UNKNOWN			(1) EXAMPLES:  BARRACUDA, 70 - 74 CHALLENGER, 70 - 74 CAPRI, 71 - 77	
STEERING COLUMN OPTIONS			(2) EXAMPLES:  OMNI, 78 - HORIZON, 78 -	
TIILT FEATURE		<input type="radio"/> 16	TYPE OF DEVICE	
(0) NOT EQUIPPED (1) YES, EQUIPPED, UNK POSITION (2) UP (3) MIDDLE (4) LOWER (9) UNKNOWN IF EQUIPPED			(0) NONE (1) CONVOLUTED OR MESH CYLINDER (2) DEEP DISH STEERING WHEEL (7) OTHER: _____ (8) NOT COLLECTED (9) UNKNOWN IF EQUIPPED	8 19
SWING-AWAY FEATURE		<input type="radio"/> 17	ORIGINAL DIMENSION (mm) A: _____	
(0) NOT EQUIPPED (1) YES, EQUIPPED (9) UNKNOWN IF EQUIPPED			DAMAGE DIMENSION (mm) B: _____	
TELESCOPING FEATURE		<input type="radio"/> 18	DIFFERENCE (mm) A - B	
(0) NOT EQUIPPED (1) YES, EQUIPPED (9) UNKNOWN IF EQUIPPED			(888) NOT COLLECTED (991) NOT MEASURED/NO APPARENT COMPRESSION (992) COMPRESSED, AMOUNT UNKNOWN (993) DEVICE EXTENDED (997) UNABLE TO MEASURE (998) NOT APPLICABLE (NOT EQUIPPED) (999) UNKNOWN	8 8 8 20 21 22

STEERING WHEEL AND COLUMN SC-2

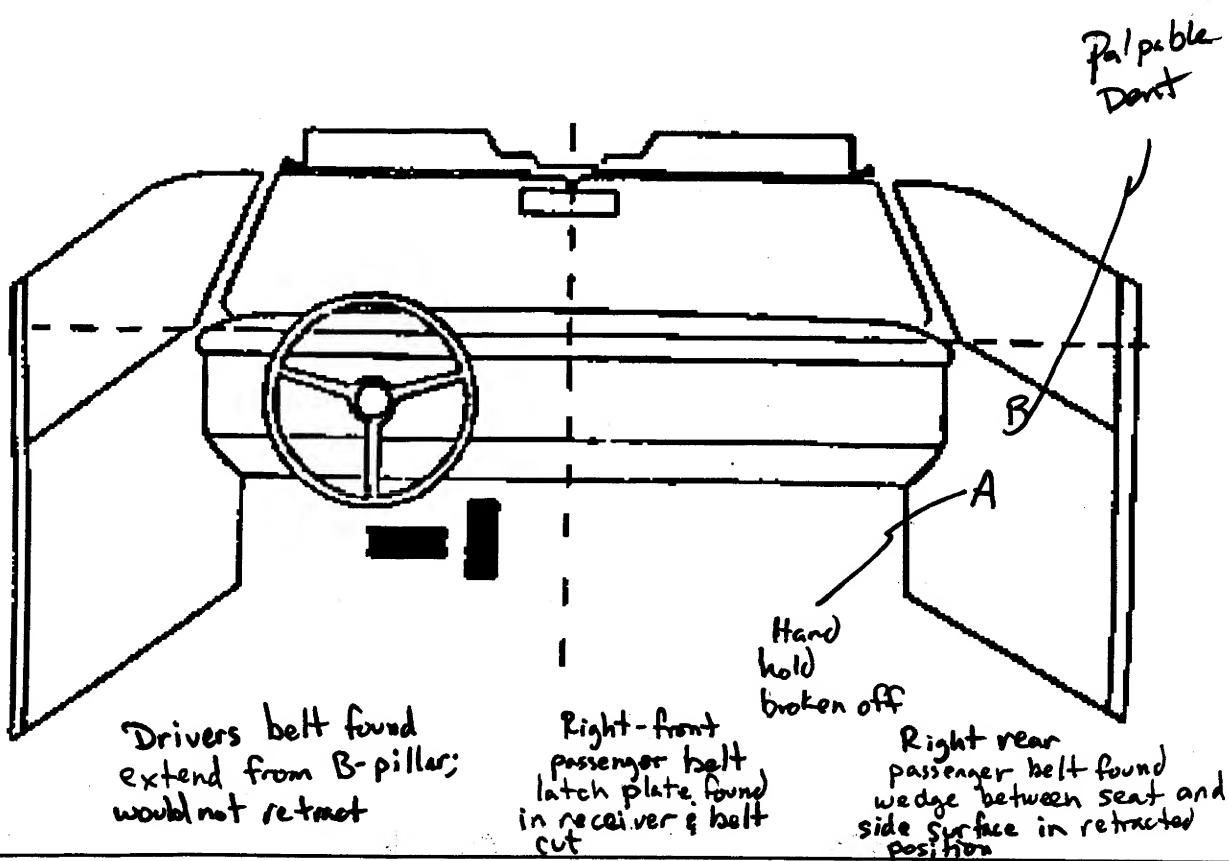
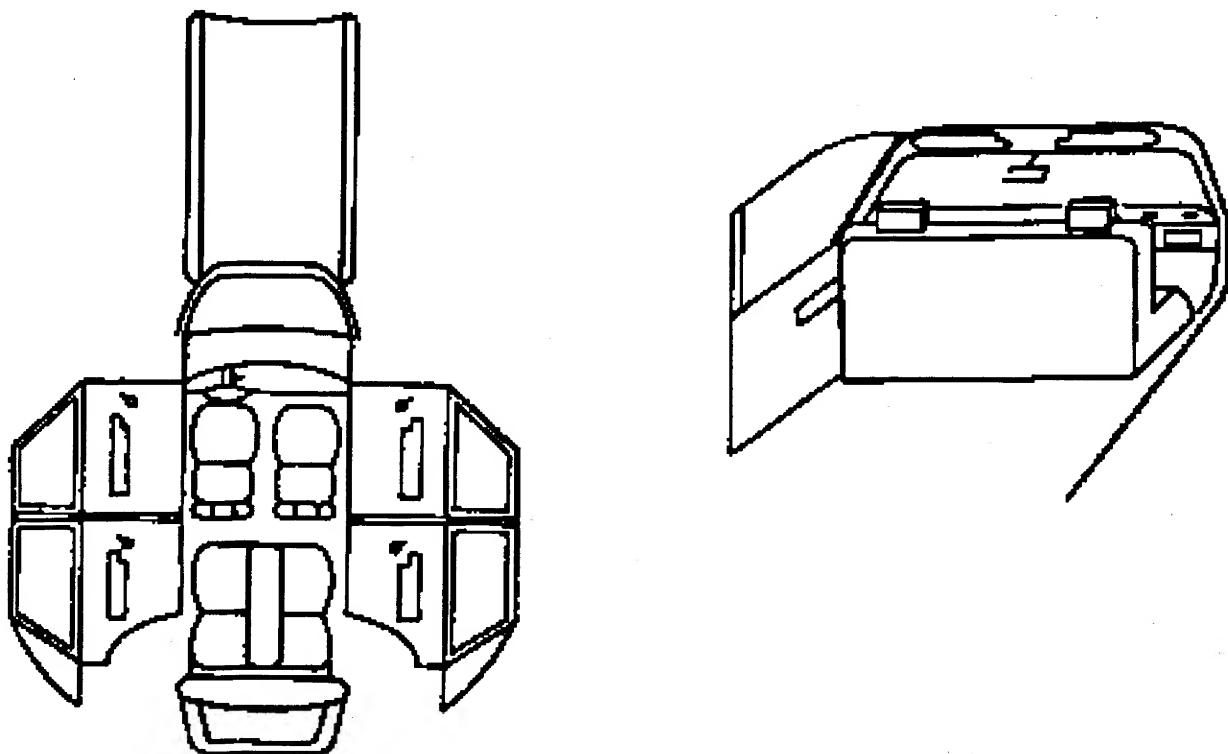
<p>STEERING COLUMN</p> <p>ENERGY ABSORBING DEVICE</p> <p>TYPE OF DEVICE * (IF 27 OR 28)</p> <p>(00) NOT EQUIPPED (88) NOT COLLECTED (99) UNKNOWN</p> <p>ORIGINAL LENGTH (mm)</p> <p>C: _____</p> <p>COMPRESSED LENGTH (mm)</p> <p>D: _____</p> <p>BRACKET DEFLECTION (IF CODE 36, 48, OR 49 ABOVE)</p> <p>OR</p> <p>COMPRESSION (OR EXTRUSION) (mm)</p> <p>C - D (OR E) (TOLERANCE: ± 10)</p> <p>(888) NOT COLLECTED (991) NOT MEASURED/NO APPARENT COMPRESSION (992) COMPRESSED, AMOUNT UNKNOWN (993) DEVICE EXTENDED (997) UNABLE TO BE MEASURED (998) NOT APPLICABLE (NOT EQUIPPED) (999) UNKNOWN</p>	<p>8 8 23 24</p>	<p>STEERING WHEEL (CONTINUED)</p> <p>STEERING WHEEL HUB DAMAGE</p> <p>(0) NONE (1) OCCUPANT CONTACT (2) AIRBAG (3) OTHER _____ (9) UNKNOWN</p>
	<p>8 8 8 25 27</p>	
<p>* (ADD A & B FOR TOTAL COMPRESSION)</p> <p>SHEAR CAPSULE SEPARATION (mm)</p> <p>S (USE AVG. OF LEFT & RIGHT CAPSULES.)</p> <p>LT:</p>  <p>RT:</p> <p>(888) NOT COLLECTED (991) NOT MEASURED/NO APPARENT SEPARATION (992) SEPARATED, AMOUNT UNKNOWN (997) UNABLE TO BE MEASURED (998) NOT APPLICABLE (NOT EQUIPPED) (999) UNKNOWN</p> <p>COLUMN VERTICAL ROTATION</p> <p>(0) NO APPARENT ROTATION (1) UPWARD APPARENT ROTATION (2) DOWNWARD APPARENT ROTATION (9) UNKNOWN</p> <p>COLUMN LATERAL ROTATION</p> <p>(0) NO APPARENT ROTATION (1) LEFT APPARENT ROTATION (2) RIGHT APPARENT ROTATION (9) UNKNOWN</p>	<p>8 8 8 28 30</p>	<p>31</p> <p>32</p>

INTRUSION IT-1

OCCUPANT CONTACT WORKSHEET

Contact	Interior Component Contacted	Occupant No. if Known	Body Region if Known	Supporting Physical Evidence	Confidence Level of Contact Point
A	Door	2	hip	Hand hold broken off	I
B	Door	2	Chest/Arm	Palpable dent	I
C					
D					
E					
F					
G					
H					
I					
J					

VEHICLE OCCUPANT CONTACT DIAGRAM



CODES FOR COLUMN B, OCCUPANT SPACE NUMBER

OCCUPANT SPACE NUMBER IS A TWO-DIGIT CODE. THE USE OF THE CODE IS DETERMINED BY THE VEHICLE SEAT CONFIGURATION AT THE TIME OF THE ACCIDENT.

FIRST DIGIT

THE FIRST DIGIT (LEFT DIGIT) DENOTES THE SEAT ROW, WITH CODE VALUES FROM 1 TO 5.

SECOND DIGIT

THE SECOND DIGIT (RIGHT DIGIT) DENOTES THE POSITION ON THE SEAT AND, IN SOME INSTANCES, THE WIDTH OF THE SEAT.

(1) LEFT	(3) RIGHT	INDIVIDUAL SEAT
(1) LEFT	(2) CENTER	(3) RIGHT BENCH: FULL WIDTH 3 PASSENGER
(1) LEFT	(2) LEFT CENTER	(6) RIGHT (3) RIGHT BENCH: FULL WIDTH 4 PASSENGER
(1) LEFT	(2) CENTER	(5) RIGHT & BENCH: PARTIAL WIDTH, LEFT AISLE SPACE
(0) LEFT & SPACE	(2) CENTER	(5) RIGHT & BENCH: PARTIAL WIDTH, CENTERED
(4) ENTIRE VEHICLE WIDTH		CARGO AREA

EXAMPLES

THE TWO FIGURES BELOW PROVIDE EXAMPLES OF THE OCCUPANT SPACE NUMBER.

PASSENGER CAR
5 PASSENGERS

X	X	11	13
X	X	21	22 23

VAN
12 PASSENGER CAPACITY

X	X	11	13
X	X	21	22 25
X	X	31	32 35
X	X	41	42 46 43

CODES FOR COLUMN F, MEASUREMENT AXIS

- (X) X-AXIS (FORE & AFT)
- (Y) Y-AXIS (LATERAL)
- (Z) Z-AXIS (VERTICAL)

CODES FOR COLUMNS G, H, I & J, OCCUPANT & INJURY NUMBERS

OCCUPANT NUMBER	INJURY NUMBER	<u>CONTACT</u>
(00)	(00)	NO CONTACT
(##)	(00)	CONTACT, NO INJURY
(97)	(99)	CONTACT, OCCUPANT UNKNOWN, INJURY UNKNOWN
(99)	(00) OR (99)	UNKNOWN IF CONTACT

CODES FOR COLUMN C, INTRUDING COMPONENT OR OBJECT

NOTE: DO NOT CODE OBJECTS OTHER THAN COMPONENTS OF CASE VEHICLE.

INDIVIDUAL COMPONENT

INTERNAL

- (01) INSTRUMENT PANEL
- (02) FIRE WALL
- (03) TOE PAN
- (04) FLOOR PAN
- (05) STEERING COLUMN
- (06) WINDSHIELD
- (07) WINDSHIELD HEADER
- (08) A-PILLAR
- (09) DOOR PANEL OR SIDE PANEL
- (10) WINDOW FRAME
- (11) B-PILLAR
- (12) C-PILLAR
- (13) D-PILLAR
- (14) ROOF SIDE RAILS
- (15) ROOF OR CONVERTIBLE TOP
- (16) BACKLIGHT HEADER
- (17) FRONT SEAT-BACK SURFACE/
SEAT-BACK BACK SURFACE
- (18) SECOND SEAT-BACK SURFACE/
SEAT-BACK BACK SURFACE
- (19) THIRD SEAT-BACK SURFACE/
SEAT-BACK BACK SURFACE
- (20) FOURTH SEAT-BACK SURFACE/
SEAT-BACK BACK SURFACE
- (21) FIFTH SEAT-BACK SURFACE/
SEAT-BACK BACK SURFACE
- (22) BACK PANEL/BACK DOOR SURFACE
- (23) SEAT CUSHION SURFACE/EDGE
- (24) CONSOLE
- (25) OTHER (DESCRIBE)
- (26) UNKNOWN INTERNAL SURFACES
- (28) TRANSMISSION TUNNEL (HUMP)
- (29) SIDE FOOTWELL PANEL (KICKPANEL)
- (30) SILL

EXTERNAL

- (43) HOOD
- (44) OBJECT EXTERNAL TO PASSENGER
COMPARTMENT BUT PART
OF CASE VEHICLE
- (45) OUTSIDE SURFACE OF CASE VEHICLE
- (46) OTHER (E.G. SPARE TIRE,
JACK. DESCRIBE.)
- (49) UNKNOWN EXTERNAL OBJECT

GROUPED FOR MASSIVE INTRUSION INTO AN OCCUPANT SPACE

**USE ONLY IF ALL THESE COMPONENTS
INTRUDED INTO A SINGLE OCCUPANT SPACE.**

(50) WINDSHIELD HEADER	(60) ROOF
A-PILLAR	ROOF RAIL
ROOF SIDE RAIL	A-PILLAR
(51) INSTRUMENT PANEL	B-PILLAR
A-PILLAR	C-PILLAR
DOOR PANEL	WINDOW FRAME
(52) INSTRUMENT PANEL	DOOR PANEL
A-PILLAR	FLOOR PAN
WINDSHIELD HEADER	
(53) DOOR PANEL	(61) INSTRUMENT PANEL
B-PILLAR	TOE PAN
ROOF RAIL	WINDSHIELD HEADER
(54) DOOR PANEL	A-PILLAR
A-PILLAR	ROOF RAIL
ROOF RAIL	WINDOW FRAME
(55) INSTRUMENT PANEL	DOOR PANEL
FLOOR PAN	ROOF
A-PILLAR	
DOOR FRAME	
(56) ROOF RAIL	(62) ROOF
A-PILLAR	ROOF RAIL
B-PILLAR	C-PILLAR
WINDOW FRAME	WINDOW FRAME
(57) ROOF RAIL	FLOOR PAN
A-PILLAR	DOOR PANEL
B-PILLAR	SECOND SEAT
C-PILLAR	DOOR PANEL
DOOR PANEL	
(58) ROOF	(63) ROOF RAIL
ROOF RAIL	ROOF
WINDOW FRAME	B-PILLAR
DOOR PANEL	WINDOW FRAME
(59) BACKLIGHT HEADER	FLOOR PAN
ROOF	DOOR PANEL
C-PILLAR	SECOND SEAT
THIRD SEAT-BACK	FRONT SEAT
(64) ROOF RAIL	(64) ROOF RAIL
ROOF OR CONVERTIBLE TOP	ROOF
A-PILLAR	B-PILLAR
B-PILLAR	WINDOW FRAME
WINDOW FRAME	WINDOW HEADER
(65) WINDSHIELD	
WINDSHIELD HEADER	
ROOF SIDE RAIL	
(66) WINDSHIELD	(66) WINDSHIELD
WINDSHIELD HEADER	WINDSHIELD HEADER
A-PILLAR	
(98) NOT APPLICABLE	
(99) UNKNOWN	

Duplicate columns 1-8
from the previous card.

Module I T Format 0 1
 9 10 11 12

INTRUSION IT-5

WAS THERE OCCUPANT COMPARTMENT INTRUSION?

1

WAS INTRUSION CATASTROPHIC?

0

(0) NO DO NOT ANSWER NEXT QUESTION. SKIP PAGE.
(1) YES ANSWER NEXT QUESTION.
(9) UNKNOWN SKIP PAGE.

(0) NO COMPLETE PAGE.
(1) YES SKIP PAGE.

Duplicate columns 1-8
from the previous card.

Module I T Format 0 2
 9 10 11 12

NOTE: Each line in the table below is a separate record (card). Duplicate columns 1 - 12 for each completed line.

INTRUSIONS CODE INTRUSIONS IN THIS ORDER: LEFT TO RIGHT ON ROW; FRONT TO BACK IN VEHICLES.

CODES FOR B, F, G, H, I, J ON PAGE IT-3

CODES FOR C ON PAGE IT-4

OCCUPANT CONTACT AND INJURY

A INTRUSION NUMBER	B OCC. SPACE NO.	C INTRUDING COMPONENT OR OBJECT	D ASSOC. EVENT NO.	E MAXIMUM INTRUSION X AXIS (cm)	F MAXIMUM INTRUSION Y AXIS (cm)	G MAXIMUM INTRUSION Z AXIS (cm)	H OCCUPANT NUMBER	I INJURY NUMBER	J OCCUPANT NUMBER	K INJURY NUMBER
13-14	15-16	17-18	19	20-21	22-23	24-25	26-27	28-29	30-31	32-33
0 1	1 3	0 9	1	0 0	3 9	0 0	0 2	0 1	0 2	0 2
0 2	1 3	1 1	1	0 0	2 1	0 0	0 0	0 0	0 0	0 0
0 3	1 3	0 8	1	0 0	1 0	0 0	0 0	0 0	0 0	0 0
0 4	1 3	2 9	1	0 0	0 4	0 0	0 0	0 0	0 0	0 0
0 5	1 3	1 4	1	0 0	0 2	0 0	0 0	0 0	0 0	0 0
0 6	2 3	2 2	1	0 0	2 9	0 0	0 0	0 0	0 0	0 0
0 7	2 3	1 4	1	0 0	0 3	0 0	0 0	0 0	0 0	0 0

NOTE: USE ADDITIONAL PAGE IF MORE THAN 7 INTRUSIONS.

Duplicate columns 1-8
from the previous card.

Module I T Format 0 3
 9 10 11 12

NOTE: IF NO SIDE DOOR INTRUSION,
SKIP REMAINDER OF PAGE.

SIDE DOOR INTRUSION
RESULTED FROM

INTRUSION
NUMBER CAUSE

CODES
FOR CAUSE:

<u>0</u>	<u>1</u>	
13	15	(1) DIRECT IMPACT
16	18	(2) INDUCED DAMAGE
19	21	(9) UNKNOWN

IF DAMAGE TO DOOR COMPONENT RESULTED IN INCREASED
DOOR INTRUSION, CODE COMPONENT

INTRUSION NUMBER	DAMAGED COMPONENT 1	DAMAGED COMPONENT 2	CODES FOR COMPONENTS
A 22 23	—	25	(0) NONE (1) A-PILLAR (2) B-PILLAR (3) C-PILLAR (4) LATCH/STRIKER (5) HINGES (7) OTHER: _____
B 26 27	—	29	(8) NOT APPLICABLE (9) UNKNOWN
C 30 31	—	33	
D 34 35	—	37	

Duplicate columns 1-8
from the previous card.

Module L T Format 0 2
9 10 11 12

INTRUSION IT-6

NOTE: Each line in the table below is a separate record (card).
Duplicate columns 1 - 12 for each completed line.

-- ADDITIONAL PAGE --

INTRUSIONS CODE INTRUSIONS IN THIS ORDER: LEFT TO RIGHT ON ROW; FRONT TO BACK IN VEHICLES.

CODES FOR B, F, G, H, I, J ON PAGE IT-3

CODES FOR C ON PAGE IT-4

OCCUPANT CONTACT AND INJURY

A INTRUSION NUMBER	B OCC. SPACE NO.	C INTRUDING COMPONENT OR OBJECT	D ASSOC. EVENT NO.	E MAXIMUM INTRUSION X AXIS (cm)	F MAXIMUM INTRUSION Y AXIS (cm)	G MAXIMUM INTRUSION Z AXIS (cm)	H OCCUPANT NUMBER	I INJURY NUMBER	J OCCUPANT NUMBER	K INJURY NUMBER
13-14	15-16	17-18	19	20-21	22-23	24-25	26-27	28-29	30-31	32-33
0 8	—	—	—	—	—	—	—	—	—	—
0 9	—	—	—	—	—	—	—	—	—	—
1 0	—	—	—	—	—	—	—	—	—	—
1 1	—	—	—	—	—	—	—	—	—	—
1 2	—	—	—	—	—	—	—	—	—	—
1 3	—	—	—	—	—	—	—	—	—	—
1 4	—	—	—	—	—	—	—	—	—	—
1 5	—	—	—	—	—	—	—	—	—	—
1 6	—	—	—	—	—	—	—	—	—	—
1 7	—	—	—	—	—	—	—	—	—	—
1 8	—	—	—	—	—	—	—	—	—	—
1 9	—	—	—	—	—	—	—	—	—	—
2 0	—	—	—	—	—	—	—	—	—	—
2 1	—	—	—	—	—	—	—	—	—	—
2 2	—	—	—	—	—	—	—	—	—	—
2 3	—	—	—	—	—	—	—	—	—	—
2 4	—	—	—	—	—	—	—	—	—	—
2 5	—	—	—	—	—	—	—	—	—	—

CODES:

(0) NO
 (1) YES
 (3) NO, and OCCUPANT CONTACT

(4) YES, and OCCUPANT CONTACT
 (8) NOT APPLICABLE
 (9) UNKNOWN

SIDES	LEFT	RIGHT	FRONT		INSTRUMENT PANEL	
FRONT DOOR	13 <input checked="" type="checkbox"/>	14 <input type="checkbox"/>	FOOT CONTROLS	45 <input checked="" type="checkbox"/>	UPPER PANEL	1 <input type="checkbox"/>
FRONT HARDWARE	15 <input checked="" type="checkbox"/>	16 <input type="checkbox"/>	IGNITION KEYS	46 <input checked="" type="checkbox"/>	MID PANEL	55 <input type="checkbox"/>
FRONT ARMREST	17 <input checked="" type="checkbox"/>	18 <input type="checkbox"/>	REAR VIEW MIRROR	47 <input checked="" type="checkbox"/>	LOWER PANEL	56 <input type="checkbox"/>
FRONT GLASS	19 <input checked="" type="checkbox"/>	20 <input type="checkbox"/>	SUNVISOR/FITTINGS	48 <input checked="" type="checkbox"/>	ASHTRAY	57 <input type="checkbox"/>
REAR DOOR AREA	21 <input checked="" type="checkbox"/>	22 <input type="checkbox"/>	(5) LEFT SIDE ONLY (6) RIGHT SIDE ONLY (7) BOTH SIDES		CONTROL KNOBS & LEVERS	58 <input checked="" type="checkbox"/>
REAR HARDWARE	23 <input checked="" type="checkbox"/>	24 <input type="checkbox"/>	WINDSHIELD TOP MOLDINGS	49 <input type="checkbox"/>	GLOVE COMPARTMENT AREA	59 <input checked="" type="checkbox"/>
REAR ARMREST	25 <input checked="" type="checkbox"/>	26 <input type="checkbox"/>	LEFT A-PILLAR (UPPER OR LOWER)	50 <input checked="" type="checkbox"/>	INSTRUMENTS	60 <input type="checkbox"/>
REAR GLASS	27 <input checked="" type="checkbox"/>	28 <input type="checkbox"/>	RIGHT A-PILLAR (UPPER OR LOWER)	51 <input type="checkbox"/>	PARKING BRAKE RELEASE	61 <input checked="" type="checkbox"/>
ROOF SIDE RAIL	29 <input checked="" type="checkbox"/>	30 <input type="checkbox"/>	CENTER CONSOLE	52 <input checked="" type="checkbox"/>	PARKING BRAKE PEDAL	62 <input checked="" type="checkbox"/>
B-PILLAR	31 <input checked="" type="checkbox"/>	32 <input type="checkbox"/>	TRANSMISSION SELECTOR LEVER	53 <input checked="" type="checkbox"/>	A/C OR UPPER VENT OUTLETS	63 <input type="checkbox"/>
C-PILLAR	33 <input type="checkbox"/>	34 <input checked="" type="checkbox"/>	RIM, HORN, SPOKE	54 <input checked="" type="checkbox"/>	HEATER OR A/C DUCTS	64 <input type="checkbox"/>
D-PILLAR	35 <input checked="" type="checkbox"/>	36 <input checked="" type="checkbox"/>			RADIO	65 <input type="checkbox"/>
HEADLINING	37 <input checked="" type="checkbox"/>	38 <input type="checkbox"/>			OTHER: * _____	66 <input type="checkbox"/>
ROOF STRUCTURE	39 <input type="checkbox"/>	40 <input type="checkbox"/>				67 <input type="checkbox"/>
T-ROOF/SUN ROOF	41 <input checked="" type="checkbox"/>	42 <input checked="" type="checkbox"/>				
OTHER: *	43 <input type="checkbox"/>	44 <input checked="" type="checkbox"/>				
					REAR WINDOW	68 <input checked="" type="checkbox"/>
					WINDOW HEADER	69 <input checked="" type="checkbox"/>
					CONSOLES VERTICAL	70 <input checked="" type="checkbox"/>
					ROOF	71 <input checked="" type="checkbox"/>

* MORE THAN ONE ITEM MAY BE NOTED.

Duplicate columns 1-8
from the previous card.

Module S 9 T 10 Format 0 11 2 12

SEATS

ST-1

FRONT SEAT		DRIVER	PASSEN'R	FRONT SEAT-BACK	
TYPE OF FRONT SEAT		05	05	SEAT-BACK TYPE	
(00) NO SEAT (01) STANDARD BENCH (02) SPLIT BACK, 50-50 (03) SPLIT BACK, DRIVER WIDE (04) SPLIT BACK, PASS. WIDE (05) BUCKET (06) CAPTAIN'S CHAIR (07) INDIV. BENCH, 50-50 (08) INDIV. BENCH, DRIVER WIDE (09) INDIV. BENCH, PASS. WIDE (97) OTHER: _____ (99) UNKNOWN		13 14	15 16	(1) FORWARD FOLDING (2) RIGID (3) RECLINING (7) OTHER: _____ (8) NOT APPLICABLE (9) UNKNOWN	
TYPE OF SEAT MOUNT		17	18	(1) FORWARD FOLDING (2) RIGID (3) RECLINING (7) OTHER: _____ (8) NOT APPLICABLE (9) UNKNOWN	
(1) STANDARD (2) PEDESTAL (7) OTHER: _____ (8) NOT APPLICABLE (9) UNKNOWN		30	31	(1) FORWARD FOLDING (2) RIGID (3) RECLINING (7) OTHER: _____ (8) NOT APPLICABLE (9) UNKNOWN	
SWIVEL MECHANISM EQUIPPED		0	0	SEAT-BACK LOCK TYPE	
(0) NO (1) YES (8) NOT APPLICABLE (9) UNKNOWN		19	20	(0) NONE (1) MANUAL (2) INERTIA (3) POWER (7) OTHER: _____ (8) NOT APPLICABLE (9) UNKNOWN	
ORIGINAL EQUIPMENT SEATS		21	22	LOCKS HELD	
(0) NO (1) YES (8) NOT APPLICABLE (9) UNKNOWN		32	33	(0) NO (1) YES (8) NOT APPLICABLE (9) UNKNOWN	
CONTACT OF SEAT BY REAR OCCUPANT		0	0	RECLINER MECHANISM HELD	
(0) NO (1) YES (8) NOT APPLICABLE (9) UNKNOWN		23	24	(0) NO (1) YES (8) NOT APPLICABLE (9) UNKNOWN	
FRONT SEAT DAMAGE		0	3	HEAD RESTRAINT	
(0) NONE (1) BACKREST ONLY DAMAGED (2) CUSHION ONLY DAMAGED (3) BACKREST & CUSHION DAMAGED (8) NOT APPLICABLE (9) UNKNOWN		25	26	HEAD RESTRAINT TYPE	
CENTER ARMREST DAMAGED		8		(0) NONE (1) ADJUSTABLE (2) INTEGRAL (3) NOT INTEGRAL, BUT CANNOT BE REMOVED (7) OTHER: _____ (8) NOT APPLICABLE (9) UNKNOWN	
(0) NO (1) YES (7) EQUIPPED, DAMAGE UNKNOWN (8) NOT APPLICABLE (NO CENTER ARMREST) (9) UNKNOWN IF EQUIPPED		27		(0) NONE (1) ADJUSTABLE (2) INTEGRAL (3) NOT INTEGRAL, BUT CANNOT BE REMOVED (7) OTHER: _____ (8) NOT APPLICABLE (9) UNKNOWN	
FRONT SEAT ROTATION		0	0	REMOVED PRE-CRASH	
(0) NONE APPARENT (1) FORWARD APPARENT (2) REARWARD APPARENT (3) LEFT APPARENT (4) RIGHT APPARENT (5) MULTIPLE ROTATIONS SPECIFY _____ (8) NOT APPLICABLE (9) UNKNOWN		28	29	(0) NO (1) YES (8) NOT APPLICABLE (9) UNKNOWN	
				ADJUSTMENT AT CRASH	
				(1) UP (2) DOWN (8) NOT APPLICABLE (9) UNKNOWN	
				HEAD RESTRAINT DAMAGE	
				(0) NONE (1) DAMAGED BUT NOT SEPARATED (2) SEPARATED (8) NOT APPLICABLE (9) UNKNOWN	

FRONT SEAT ADJUSTMENT	SEAT ADJUSTMENT TYPE	SECOND SEAT (CONT.)	SEATS ST-2	
	(0) NONE (<i>RIGID</i>)			
	(1) MANUAL			
	(2) POWER			
	(7) OTHER: _____			
	(8) NOT APPLICABLE (NO SEAT)			
	(9) UNKNOWN			
	ADJUSTMENT PROVIDED			
	(1) 2-WAY			
SEAT ADJUSTER DAMAGE	(2) 4-WAY	CENTER ARMREST DAMAGED	SEATS ST-2	
	(3) 6-WAY			
	(7) OTHER: _____			
	(8) NOT APPLICABLE			
	(9) UNKNOWN			
	SEAT ADJUSTER SEPARATION			
	(0) NONE			
	(1) SEPARATED AT FLOOR			
	(2) SEPARATION OF ADJUSTER			
PRE-CRASH POSITION	(3) SEPARATED AT SEAT	LOCKS	SEATS ST-2	
	(8) NOT APPLICABLE			
	(9) UNKNOWN			
	SECOND SEAT			
	TYPE OF SECOND SEAT			
	(0) NONE	FOR THE FOLLOWING, USE:		
	(1) NON-FOLDING			
	(2) FOLDING			
	(3) CAPTAIN'S CHAIR			
SECOND SEAT DAMAGE	(4) JUMP SEAT	LEFT OR CENTER, EQUIPPED	SEATS ST-2	
	(5) INTEGRAL CHILD SEAT			
	(6) LUGGAGE AREA ACCESS PANEL			
	(9) UNKNOWN			
	SECOND SEAT DAMAGE			
	(0) NONE			
	(1) BACKREST ONLY <i>(DAMAGED OR LOOSENERED)</i>			
	(2) CUSHION ONLY <i>(DAMAGED OR LOOSENERED)</i>			
	(3) BACKREST & CUSHION <i>(DAMAGED OR LOOSENERED)</i>			
SECOND SEAT DAMAGE	(4) INTEGRAL CHILD SEAT <i>(PRIORITY CODE)</i>	RIGHT, EQUIPPED	SEATS ST-2	
	(5) LUGGAGE AREA ACCESS PANEL <i>(DAMAGED OR LOOSENERED)</i>			
	(8) NOT APPLICABLE			
	(9) UNKNOWN			
	THIRD SEAT			
	EQUIPPED	RIGHT, HELD <i>*seat restricted by intrusion</i>	SEATS ST-2	
	BACKREST DAMAGED			
	CUSHION DAMAGED			
VEHICLE EQUIPPED WITH REAR HEAD RESTRAINTS	VEHICLE EQUIPPED WITH REAR HEAD RESTRAINTS			
	(0) NOT EQUIPPED <i>(OR REMOVED)</i>			
	(1) EQUIPPED			
	(2) EQUIPPED & DAMAGED			
	(8) NOT APPLICABLE <i>(NO REAR SEAT)</i>			
	(9) UNKNOWN			
	<i>Applies to any rear-seat position</i>			

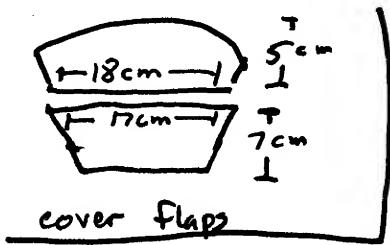
Duplicate columns 1-8
from the previous card.

Module A B Format 0 1
9 10 11 12

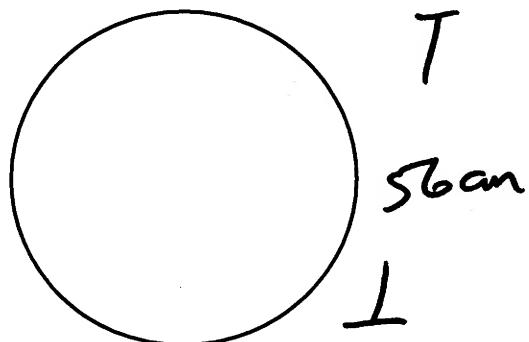
AIRBAG AB-1

DRIVER SIDE			PASSENGER SIDE	
LOCATION OF AIRBAG			LOCATION OF AIRBAG	
STEERING WHEEL			INSTRUMENT PANEL (GLOVE BOX)	
EQUIPPED		13	EQUIPPED	16
(0) NO (1) YES (4) PRIOR DEPLOYMENT NOT REINSTALLED (9) UNKNOWN IF AIRBAG EQUIPPED			(0) NO (1) YES (4) PRIOR DEPLOYMENT NOT REINSTALLED (9) UNKNOWN IF AIRBAG EQUIPPED	
DEPLOYED		14	DEPLOYED	17
(0) NO (1) YES (2) PARTIAL/IMPROPER DEPLOYMENT (8) NOT APPLICABLE (NO AIRBAG) (9) UNKNOWN			(0) NO (1) YES (2) PARTIAL/IMPROPER DEPLOYMENT (8) NOT APPLICABLE (NO AIRBAG) (9) UNKNOWN	
CONDITION OF AIRBAG			CONDITION OF AIRBAG	
STEERING WHEEL		15	INSTRUMENT PANEL (GLOVE BOX)	18
(0) NO DAMAGE (2) SPLIT OR TORN (3) CUT DURING CRASH (4) BURNED/MELTED (5) CUT POST CRASH (6) OTHER _____ (7) DAMAGED, CONDITION UNKNOWN (8) NOT APPLICABLE (NOT EQUIPPED/NOT DEPLOYED) (9) UNKNOWN IF EQUIPPED OR CONDITION			(0) NO DAMAGE (2) SPLIT OR TORN (3) CUT DURING CRASH (4) BURNED/MELTED (5) CUT POST CRASH (6) OTHER <i>Post Crash holes from w/s</i> (7) DAMAGED, CONDITION UNKNOWN (8) NOT APPLICABLE (NOT EQUIPPED/NOT DEPLOYED) (9) UNKNOWN IF EQUIPPED OR CONDITION	
DRIVER SIDE			PASSENGER SIDE	
AIRBAG			AIRBAG	
STEERING WHEEL			INSTRUMENT PANEL (GLOVE BOX)	
TETHER		19	TETHER	21
(0) NO (1) YES (6) OTHER _____ (7) UNKNOWN IF TETHERED (8) NOT APPLICABLE (NO AIRBAG) (9) UNKNOWN IF AIRBAG EQUIPPED			(0) NO (1) YES (6) OTHER _____ (7) UNKNOWN IF TETHERED (8) NOT APPLICABLE (NO AIRBAG) (9) UNKNOWN IF AIRBAG EQUIPPED	
MARKED BY CONTACT		20	MARKED BY CONTACT	22
(0) NO (1) YES (8) NOT APPLICABLE (NO AIRBAG) (9) UNKNOWN			(0) NO (1) YES (8) NOT APPLICABLE (NO AIRBAG) (9) UNKNOWN	

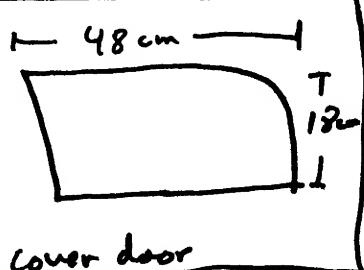
AIRBAG NUMBER ON DRIVER SIDE:



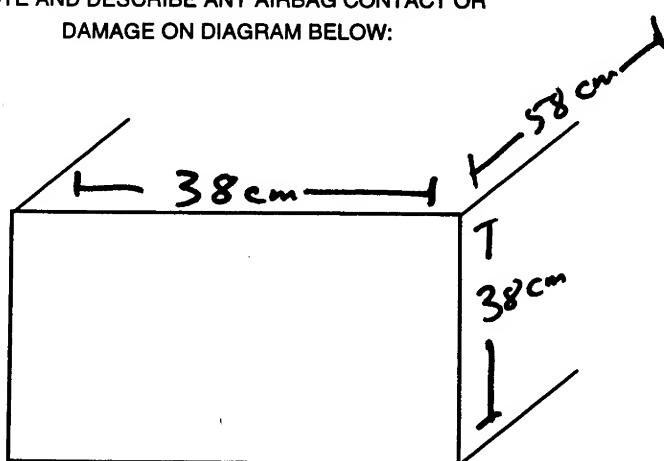
NOTE AND DESCRIBE ANY AIRBAG CONTACT OR
DAMAGE ON DIAGRAM BELOW:



AIRBAG NUMBER ON PASSENGER-SIDE:



NOTE AND DESCRIBE ANY AIRBAG CONTACT OR
DAMAGE ON DIAGRAM BELOW:



NOTE TO THE INVESTIGATOR:

THE FOLLOWING TWO SECTIONS,
OCCUPANT INFORMATION AND INJURY CLASSIFICATION,
ARE TO BE FILLED IN
FOR EACH CASE VEHICLE OCCUPANT,
WHETHER INJURED OR NOT.

IF THERE IS MORE THAN ONE OCCUPANT,
USE ADDITIONAL COPIES
OF PAGES OC-1, OC-2, OC-3,
AND IC-2 TO DESCRIBE THEM
AND ATTACH THE COPIES TO THIS REPORT.

Duplicate columns 1-8
from the previous card.Module O C Format 0 2
 9 10 11 12

OCCUPANT INFORMATION OC-1

OCCUPANT IDENTIFICATION OCCUPANT NUMBER ROLE OF OCCUPANT AT 1ST IMPACT (1) MOTOR VEHICLE DRIVER (2) MOTOR VEHICLE PASSENGER (NOT DRIVER) (9) UNKNOWN		<u>0</u> 13 14 15	PHYSICAL DESCRIPTION AGE IN YEARS (00) LESS THAN 1 YEAR (98) 98 YEARS OR OLDER (99) UNKNOWN AGE IN MONTHS (00) LESS THAN 1 MONTH (25) 25 MONTHS OR OLDER (99) UNKNOWN MASS (kg) (999) UNKNOWN HEIGHT (cm) (999) UNKNOWN SEX (1) MALE (2) FEMALE (9) UNKNOWN	<u>2</u> 3 20 21 <u>2</u> 5 22 23 <u>0</u> 68 24 25 26 <u>1</u> 70 27 28 29 <u>1</u> 30
OCCUPANT POSITION ROW LOCATION (1) FRONT (2) SECOND (3) THIRD (4) FOURTH (7) OTHER: (8) EXTERNAL TO PASSENGER COMPARTMENT (E.G. BED OF PICKUP) (9) UNKNOWN		 16		
LATERAL LOCATION (1) LEFT (2) LEFT CENTER (3) CENTER (4) RIGHT CENTER (5) RIGHT (6) ALL (LYING ON SEAT) (8) EXTERNAL TO PASSENGER COMPARTMENT (9) UNKNOWN		 17	MEDICAL CONDITIONS TREATMENT/MORTALITY (00) NONE (01) FIRST AID AT SCENE (02) TREATED AT HOSPITAL/CLINIC BUT NOT ADMITTED (03) HOSPITALIZED FOR OBSERVATION LESS THAN 24 HOURS (04) HOSPITALIZED OVER 24 HOURS OR FOR SIGNIFICANT TREATMENT (05) FATAL, DEAD AT SCENE (06) FATAL, DOA (07) FATAL, DEAD WITHIN 24 HOURS (08) FATAL, DEAD 24 HOURS TO 31 DAYS LATER (09) FATAL, DEAD 31 DAYS TO 1 YEAR LATER (10) FATAL DEAD WITHIN UNKNOWN PERIOD (99) UNKNOWN	<u>0</u> 2 31 32
POSTURE (10) SITTING ON SEAT (11) SITTING ON SEAT IN ABNORMAL POSITION (E.G. FEET ON DASH, SIDEWAYS) (12) SITTING ON CONSOLE (20) ON LAP OR IN ARMS (30) STANDING ON SEAT (40) STANDING ON FLOOR (47) STANDING, EXTERNAL TO PASSENGER COMPARTMENT (50) IN BASSINET (60) IN CHILD SEAT (65) IN CHILD HARNESS (70) LYING ON SEAT (80) LYING/SITTING ON PASSENGER FLOOR (83) LYING/SITTING ON OTHER OBJECT IN PASSENGER COMPARTMENT: (85) ON CARGO FLOOR/FOLDED SEAT-BACK (87) LYING/SITTING, EXTERNAL TO PASSENGER COMPARTMENT (97) OTHER: (99) UNKNOWN		<u>0</u> 1 18 19	INJURY SEVERITY SCORE (ISS) (99) UNKNOWN	<u>0</u> 1 33 34
			NON-IMPACT MED. CONDITIONS (0) NONE (1) YES, TIME & TYPE UNKNOWN (2) PRE-CRASH FATAL (CLINICAL DEATH AT WHEEL) (3) PRE-CRASH NON-FATAL (E.G. PRIOR INJURY, STROKE) (4) PREGNANT (5) POST-CRASH FATAL (DROWNING) (6) POST-CRASH NON-FATAL INJURY (7) OTHER: (8) COMBINATION OF ABOVE (CIRCLE EACH) (9) UNKNOWN	<u>0</u> 1 35

OCCUPANT INFORMATION OC-2

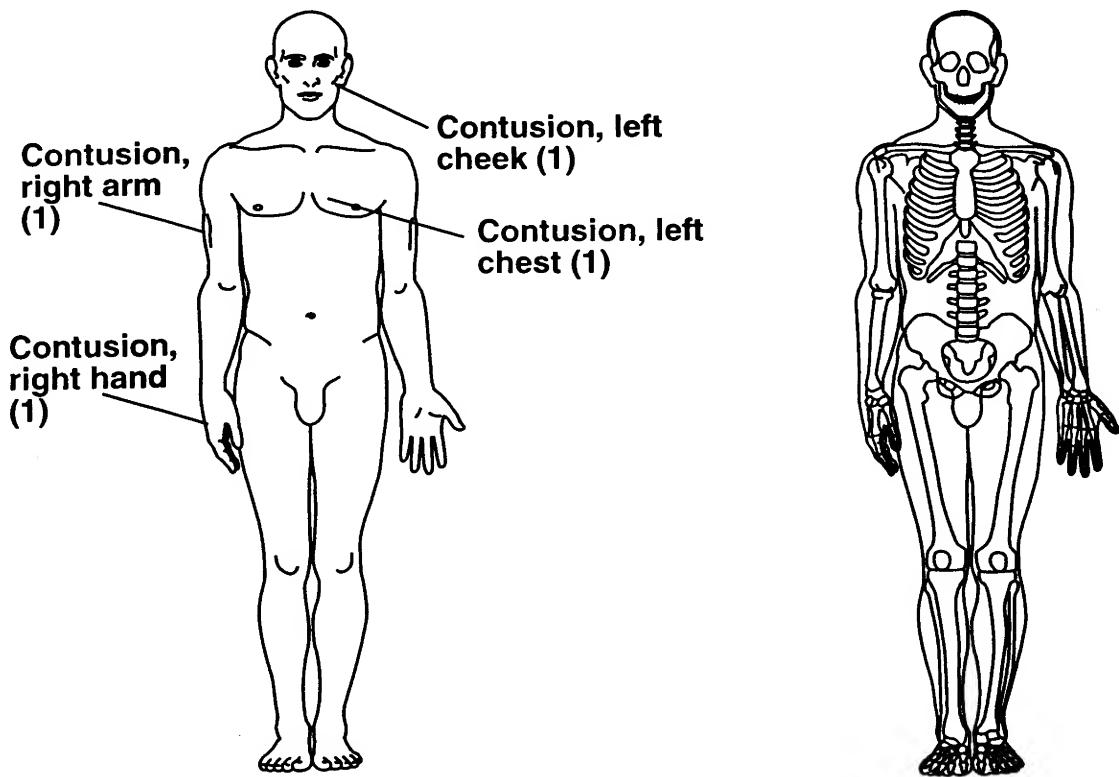
<p>MEDICAL CONDITIONS (CONT.)</p> <p>POLICE INJURY SEVERITY CODE FOR THIS OCCUPANT</p> <ul style="list-style-type: none"> (0) O - NO INJURY (1) C - POSSIBLE INJURY (2) B - NON-INCAPACITATING (3) A - INCAPACITATING INJURY (4) K - FATAL (5) INJURED, SEVERITY UNKNOWN (6) DIED PRIOR TO IMPACT (7) NON-FATAL INJURY, SEVERITY UNKNOWN (9) UNKNOWN 	<p><u>2</u> 36</p>	<p>CHILD SEAT TYPE</p> <ul style="list-style-type: none"> (00) NONE USED (01) YES, USED (02) INTEGRAL, Chrysler Mini-van (88) NOT APPLICABLE <i>(ADULT OR OLDER CHILD)</i> (99) UNKNOWN <p>CHILD SEAT MAKE/MODEL</p> <hr/> <hr/> <hr/>	<p><u>88</u> 41 42</p>
<p>RESTRAINT SYSTEM</p> <p>ACTIVE RESTRAINT SYSTEM</p> <ul style="list-style-type: none"> (0) NONE (1) LAP BELT (2) SHOULDER HARNESS ONLY (3) BOTH LAP BELT & SHOULDER HARNESS (9) UNKNOWN <p>ACTIVE RESTRAINT SYSTEM USAGE</p> <ul style="list-style-type: none"> (0) NONE (<i>AVAILABLE BUT NOT USED</i>) (1) LAP BELT ONLY (2) SHOULDER HARNESS ONLY (3) BOTH LAP BELT & SHOULDER HARNESS (7) IMPROPER USAGE (8) NOT APPLICABLE (<i>NONE AVAILABLE</i>) (9) UNKNOWN <p>PASSIVE RESTRAINT SYSTEM</p> <ul style="list-style-type: none"> (0) NONE (1) AIRBAG INSTALLED (2) PASSIVE UPPER TORSO WITH KNEE BOLSTERS (3) PASSIVE UPPER TORSO WITHOUT KNEE BOLSTERS (4) PASSIVE LAP & UPPER TORSO (5) AIRBAG INSTALLED & PASSIVE RESTRAINT (7) OTHER: _____ (9) UNKNOWN <p>PASSIVE RESTRAINT SYSTEM USAGE</p> <ul style="list-style-type: none"> (0) SYSTEM DEFEATED (1) AIRBAG NOT DEPLOYED (2) AIRBAG DEPLOYED (3) AIRBAG NOT REINSTALLED (4) PASSIVE UPPER TORSO USED (5) PASSIVE LAP & UPPER TORSO USED (6) SYSTEM USED IN MANUAL MODE (7) IMPROPER USAGE (8) NOT APPLICABLE (<i>NOT ORIGINALLY EQUIPPED</i>) (9) UNKNOWN 	<p><u>3</u> 37</p> <p><u>3</u> 38</p> <p><u>1</u> 39</p> <p><u>2</u> 40</p>	<p>EJECTION</p> <p>DEGREE OF EJECTION</p> <ul style="list-style-type: none"> (0) NONE (1) PARTIAL (2) COMPLETE (7) EJECTED, DEGREE UNKNOWN (9) UNKNOWN IF EJECTED <p>AREA OF EJECTION</p> <ul style="list-style-type: none"> (01) WINDOW, LEFT SIDE (02) WINDOW, RIGHT SIDE (03) WINDOW, REAR (04) DOOR, LEFT SIDE (05) DOOR, RIGHT SIDE (06) DOOR, REAR OR TAILGATE (07) WINDSHIELD (08) ROOF OR OPEN CONVERTIBLE OR FROM EXTERNAL AREA (96) EJECTED AREA UNKNOWN (97) OTHER AREA: _____ (98) NOT APPLICABLE (<i>NOT EJECTED</i>) (99) UNKNOWN IF EJECTED <p>IF OCCUPANT WAS EJECTED, DESCRIBE IN DETAIL BELOW:</p> <hr/> <hr/> <hr/>	<p><u>①</u> 43</p> <p><u>98</u> 44 45</p>
		<p>HEAD RESTRAINT</p> <p>HEAD RESTRAINT AVAILABLE FOR THIS POSITION</p> <ul style="list-style-type: none"> (0) NOT EQUIPPED OR REMOVED (1) EQUIPPED (9) UNKNOWN 	<p><u>1</u> 46</p>

OCCUPANT INFORMATION OC-3

<p>OCCUPANT EYEWEAR</p> <p>(0) NONE (1) GLASSES (2) CONTACTS (3) BOTH GLASSES AND CONTACTS (4) OTHER _____ (8) NOT APPLICABLE (9) UNKNOWN</p>	<p><input type="radio"/> 47</p>	<p>SOURCE OF INFORMATION</p> <p>(0) INTERVIEW (1) HOSPITAL (2) AUTOPSY (3) POLICE (4) OTHER _____ (5) LAY CORONER/EXTERNAL EXAM (7) COMBINATION OF ABOVE (CIRCLE) (8) NOT APPLICABLE (9) UNKNOWN</p>	<p><input type="radio"/> 48</p>
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OCCUPANT INFORMATION OC-4

INDICATE LOCATION OF INJURIES.



Duplicate columns 1-8
from the previous card.

Module 1
9 C
 10 **Format** 0
 11 1
 12

INJURY CLASSIFICATION IC-1

NOTE: Each line in the table below is a separate record (card).
Duplicate columns 1 - 12 for each completed line.

OCCUPANT INJURY CLASSIFICATION

NOTE: USE ADDITIONAL PAGES IF NECESSARY.

CODES FOR AREAS OF POSSIBLE OCCUPANT CONTACT

FRONT OF PASSENGER COMPARTMENT

- (10) SUNVISOR, FITTING(S) &/OR TOP MOLDING
- (12) WINDSHIELD

- (05) INSTRUMENT PANEL (*SPECIFIC AREA UNKNOWN*)
- (54) UPPER INSTRUMENT PANEL (X)
- (55) MIDDLE INSTRUMENT PANEL (Y)
- (56) LOWER INSTRUMENT PANEL (Z)
- (81) ASH TRAY (*INSTRUMENT PANEL*)
- (02) GLOVE COMPARTMENT AREA
- (47) AIRBAG (ACRS) COMPARTMENT DOOR/COVER

- (57) BENEATH INSTRUMENT PANEL
- (53) PARCEL TRAY
- (48) KNEE RESTRAINT
- (86) VERTICAL CONSOLE

- (28) FOOT CONTROLS (*INCL. PARKING BRAKE PEDAL*)

- (09) STEERING ASSEMBLY (*SPECIFIC AREA UNKNOWN*)
- (65) STEERING WHEEL
- (66) STEERING WHEEL COLUMN
- (59) TRANSMISSION LEVER ON COLUMN

- (03) HARDWARE ITEM (*SPECIFIC AREA UNKNOWN*)
- (82) INSTRUMENT(S)
- (83) CONTROL KNOB(S) & LEVER(S) (*FRONT*)
- (84) PARKING BRAKE HANDLE IN FRONT
- (67) IGNITION KEY
- (06) MIRROR
- (04) HEATER OR AIR CONDITIONING DUCTS
- (01) AIR CONDITIONING OR VENTILATION OUTLET(S)
- (08) RADIO (*BUILT IN*)
- (58) ADD-ON TAPE DECK, RADIO, A/C
- (68) ROOF MOUNTED CONTROLS/CONSOLES

REAR

- (88) SURFACE OF REAR INTERIOR
- (23) REAR WINDOW
- (39) REAR WINDOW HEADER
- (50) REAR SEAT CUSHION & BACK

INTERIOR-GENERAL

- (11) TRANSMISSION SELECTION LEVER (*LOCATION UNK.*)
- (59) TRANSMISSION LEVER ON STEERING COLUMN
- (44) TRANSMISSION LEVER ON FLOOR OR CONSOLE
- (07) PARKING BRAKE HANDLE (*LOCATION UNKNOWN*)
- (84) PARKING BRAKE HANDLE IN FRONT
- (85) PARKING BRAKE HANDLE ON FLOOR OR CONSOLE
- (28) FOOT CONTROLS (*INCL. PARKING BRAKE PEDAL*)

- (29) FRONT SEAT-BACK(S)
- (51) FRONT SEAT CUSHION
- (50) REAR SEAT CUSHION & BACK
- (49) ARMREST ON SEAT
- (89) UNDER SEAT BOTTOM

- (33) RESTRAINT SYSTEM HARDWARE
- (34) RESTRAINT SYSTEM WEBBING
- (87) AIR CUSHION SKIN (*AIRBAG*)
- (47) AIRBAG (ACRS) COMPARTMENT DOOR/COVER
- (46) AIRBAG GAS
- (48) KNEE RESTRAINT
- (30) HEAD RESTRAINT
- (42) CHILD SEAT RESTRAINTS
- (43) CHILD SEAT
- (31) INTERIOR LOOSE OBJECT
- (32) OTHER OCCUPANT(S)
- (52) INTERNAL FLYING GLASS (*FROM ANY SOURCE*)
- (41) UNKNOWN INTERIOR SURFACE

SIDES

- (20) SURFACE OF SIDE INTERIOR
- (19) HARDWARE ON SIDE OR DOOR
- (13) ARMREST ON SIDE OR DOOR
- (24) COAT HOOK

- (22) WINDOW GLASS (*SIDE*)
- (21) WINDOW FRAMES (*SIDE*)

FLOOR

- (26) ROOF SIDE RAIL
- (14) A-PILLAR
- (15) B-PILLAR
- (16) C-PILLAR
- (17) D-PILLAR

- (40) FLOOR
- (27) CONSOLE ON FLOOR OR BETWEEN SEATS
- (44) TRANSMISSION LEVER ON FLOOR OR CONSOLE
- (85) PARKING BRAKE HANDLE ON FLOOR OR CONSOLE
- (28) FOOT CONTROLS (*INCL. PARKING BRAKE PEDAL*)
- (91) KICKPANEL

ROOF

- (25) ROOF OR CONVERTIBLE TOP
- (10) SUNVISOR, FITTING(S) &/OR TOP MOLDING
- (26) ROOF SIDE RAIL
- (24) COAT HOOK
- (18) DOME LIGHT
- (39) BACKLIGHT HEADER
- (68) ROOF MOUNTED CONTROLS/CONSOLE
- (69) ROLL BAR

EXTERIOR SURFACE OF CASE VEHICLE

- (37) OUTSIDE SURFACE OF CASE VEHICLE (*SPECIFIC AREA UNKNOWN*)
- (35) HOOD OF CASE VEHICLE
- (60) EXTERIOR OF CASE VEHICLE (E.G. *OUTSIDE MIRRORS, ANTENNA, TRIM*)
- (62) EXTERIOR SIDE ROOF RAIL OF CASE VEHICLE
- (63) TRUNK LID OF CASE VEHICLE
- (64) TIRES OF CASE VEHICLE

BEYOND CASE VEHICLE BOUNDARY

- (36) AREA EXTERIOR TO CAR (*SPECIFIC AREA UNK.*)
- (70) HOOD OF OTHER VEHICLE
- (71) OTHER VEHICLE EXTERIOR HARDWARE (E.G. *OUTSIDE MIRRORS, ANTENNA, TRIM*)
- (73) EXTERIOR SIDE ROOF RAIL OF OTHER VEHICLE
- (74) HEADLIGHT OR FRONT GRILL OF OTHER VEH.
- (75) TRUNK OF OTHER VEHICLE
- (76) OUTSIDE SURFACE OF OTHER VEHICLE
- (77) TIRES OF OTHER VEHICLE
- (78) GROUND
- (79) WATER
- (80) EXTERIOR OBJECT (*NOT VEHICLE, GROUND, OR WATER. PLEASE DESCRIBE.*)

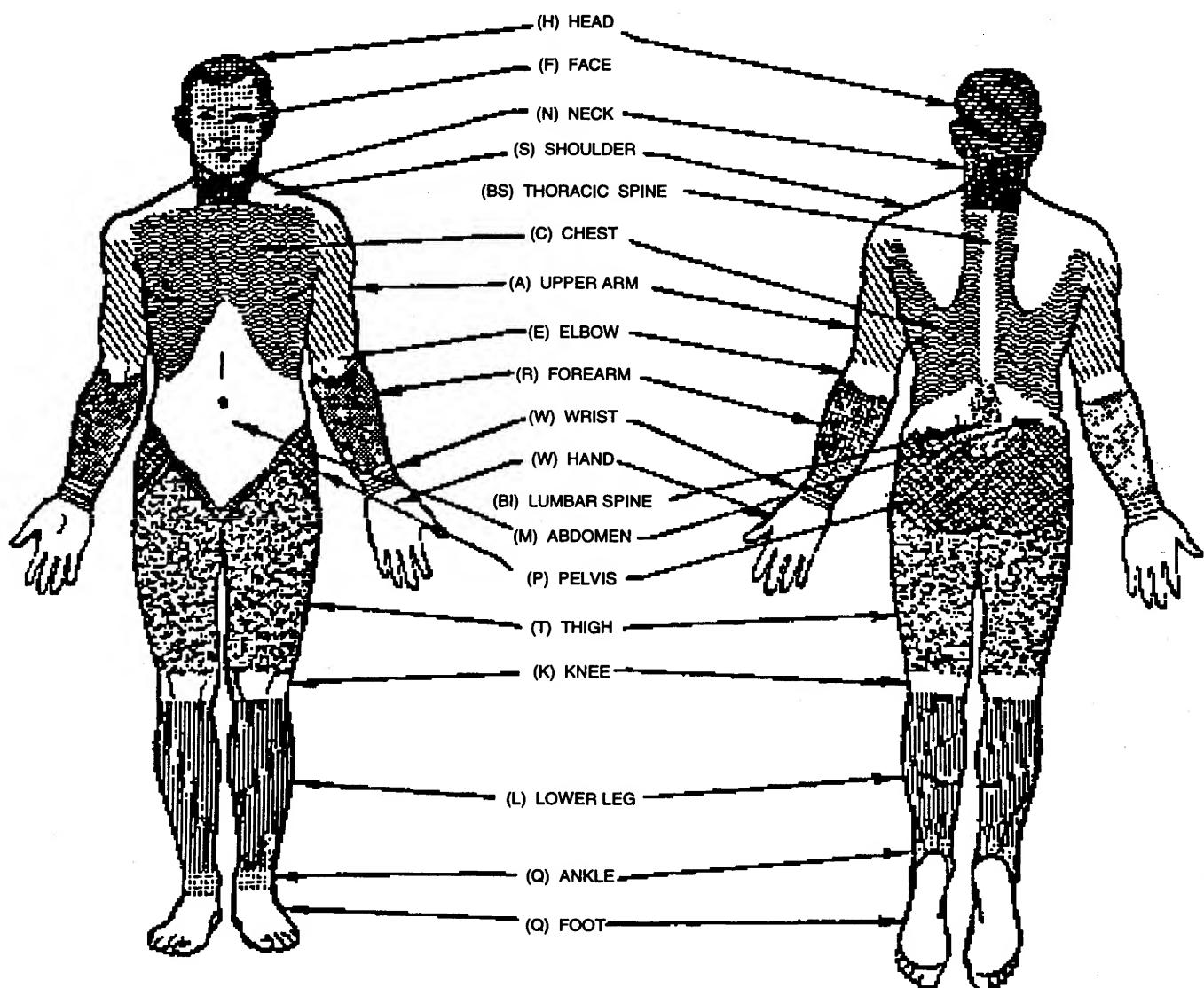
PENETRATING OBJECTS

- (61) OTHER VEHICLE
- (72) OBJECTS (*DESCRIBE*)

MISCELLANEOUS

- (00) NO CONTACT (*INVALID FIELD FORM CODE*)
- (38) OTHER (E.G. FIRE. DESCRIBE)
- (90) SPARE TIRE
- (96) INDUCED
- (97) EJECTED, UNKNOWN CONTACT
- (98) IMPACT FORCE, "WHIPLASH", HYPEREXTENSION/COMPRESSION
- (99) UNKNOWN AREA OF CONTACT

THE FIGURE BELOW
IS AN EXPLANATION OF THE BODY REGION CODES
LISTED ON PAGE IC - 4.



INJURY CLASSIFICATION IC-4

CODES FOR OCCUPANT INJURY CLASSIFICATION (OIC)

1 BODY REGION	3 LESION	4 SYSTEM/ORGAN
(H) HEAD/SKULL	(L) LACERATION	(S) SKELETAL
(F) FACE	(C) CONTUSION	(V) VERTEBRAE
(N) NECK	(A) ABRASION	(J) JOINTS
(S) SHOULDER	(F) FRACTURE	(D) DIGESTIVE
(X) UPPER EXTREMITIES	(P) PERFORATION, PUNCTURE	(L) LIVER
(A) ARM (UPPER)	(K) CONCUSSION	(N) NERVOUS SYSTEM
(E) ELBOW	(V) AVULSION	(B) BRAIN
(R) FOREARM	(R) RUPTURE	(C) SPINAL CORD
(W) WRIST/HAND	(S) SPRAIN	(E) EARS
(C) CHEST	(D) DISLOCATION	(O) EYES
(M) ABDOMEN	(N) CRUSH	(A) ARTERIES
(B) BACK	(M) AMPUTATION	(H) HEART
(P) PELVIC/HIP	(B) BURN	(Q) SPLEEN
(Y) LOWER EXTREMITIES	(G) DETACHMENT, SEPARATION	(G) UROGENITAL
(T) THIGH	(Z) FRACTURE AND DISLOCATION	(K) KIDNEYS
(K) KNEE	(T) STRAIN	(R) RESPIRATORY
(L) LEG (LOWER)	(E) TOTAL SEVERANCE, TRANSECTION	(P) PULMONARY/LUNGS
(Q) ANKLE/FOOT	(O) OTHER	(M) MUSCLES
(O) WHOLE BODY	(U) UNKNOWN	(T) THYROID, OTHER ENDOCRINE GLAND
(U) UNKNOWN		(I) INTEGUMENTARY (SKIN)
		(W) ALL SYSTEMS IN REGION
		(U) UNKNOWN

2 ASPECT	5 SEVERITY (OR "AIS", ABBREVIATED INJURY SCALE)
(R) RIGHT	(0) NONE
(L) LEFT	(1) MINOR
(B) BILATERAL	(2) MODERATE
(C) CENTRAL	(3) SERIOUS
(A) ANTERIOR/FRONT	(4) SEVERE
(P) POSTERIOR/BACK	(5) CRITICAL
(S) SUPERIOR/UPPER	(6) MAXIMUM
(I) INFERIOR/LOWER	(9) UNKNOWN
(W) WHOLE REGION	
(U) UNKNOWN	

BODY REGION	ASPECT	LESION	SYSTEM/ORGAN	SEVERITY
		1 2 3 4 5		

Duplicate columns 1-8
from the previous card.Module O
9 C
10 Format O
11 2
12

OCCUPANT INFORMATION OC-1

OCCUPANT IDENTIFICATION		PHYSICAL DESCRIPTION	
OCCUPANT NUMBER		①2 13 14	AGE IN YEARS (00) LESS THAN 1 YEAR (98) 98 YEARS OR OLDER (99) UNKNOWN 24 20 21
ROLE OF OCCUPANT AT 1ST IMPACT (1) MOTOR VEHICLE DRIVER (2) MOTOR VEHICLE PASSENGER (NOT DRIVER) (9) UNKNOWN		2 15	AGE IN MONTHS (00) LESS THAN 1 MONTH (25) 25 MONTHS OR OLDER (99) UNKNOWN 25 22 23
OCCUPANT POSITION		MASS (kg) (999) UNKNOWN ①75 24 25 26	
ROW LOCATION (1) FRONT (2) SECOND (3) THIRD (4) FOURTH (7) OTHER: (8) EXTERNAL TO PASSENGER COMPARTMENT (E.G. BED OF PICKUP) (9) UNKNOWN		1 16	HEIGHT (cm) (999) UNKNOWN 183 27 28 29
LATERAL LOCATION (1) LEFT (2) LEFT CENTER (3) CENTER (4) RIGHT CENTER (5) RIGHT (6) ALL (LYING ON SEAT) (8) EXTERNAL TO PASSENGER COMPARTMENT (9) UNKNOWN		5 17	SEX (1) MALE (2) FEMALE (9) UNKNOWN 1 30
POSTURE (10) SITTING ON SEAT (11) SITTING ON SEAT IN ABNORMAL POSITION (E.G. FEET ON DASH, SIDeways) (12) SITTING ON CONSOLE (20) ON LAP OR IN ARMS (30) STANDING ON SEAT (40) STANDING ON FLOOR (47) STANDING, EXTERNAL TO PASSENGER COMPARTMENT (50) IN BASSINET (60) IN CHILD SEAT (65) IN CHILD HARNESS (70) LYING ON SEAT (80) LYING/SITTING ON PASSENGER FLOOR (83) LYING/SITTING ON OTHER OBJECT IN PASSENGER COMPARTMENT: (85) ON CARGO FLOOR/FOLDED SEAT-BACK (87) LYING/SITTING, EXTERNAL TO PASSENGER COMPARTMENT (97) OTHER: (99) UNKNOWN		1 ①0 18 19	MEDICAL CONDITIONS TREATMENT/MORTALITY (00) NONE (01) FIRST AID AT SCENE (02) TREATED AT HOSPITAL/CLINIC BUT NOT ADMITTED (03) HOSPITALIZED FOR OBSERVATION LESS THAN 24 HOURS (04) HOSPITALIZED OVER 24 HOURS OR FOR SIGNIFICANT TREATMENT (05) FATAL, DEAD AT SCENE (06) FATAL, DOA (07) FATAL, DEAD WITHIN 24 HOURS (08) FATAL, DEAD 24 HOURS TO 31 DAYS LATER (09) FATAL, DEAD 31 DAYS TO 1 YEAR LATER (10) FATAL DEAD WITHIN UNKNOWN PERIOD (99) UNKNOWN ①4 31 32
		INJURY SEVERITY SCORE (ISS) (99) UNKNOWN 35 33 34	
		NON-IMPACT MED. CONDITIONS (0) NONE (1) YES, TIME & TYPE UNKNOWN (2) PRE-CRASH FATAL (CLINICAL DEATH AT WHEEL) (3) PRE-CRASH NON-FATAL (E.G. PRIOR INJURY, STROKE) (4) PREGNANT (5) POST-CRASH FATAL (DROWNING) (6) POST-CRASH NON-FATAL INJURY (7) OTHER: (8) COMBINATION OF ABOVE (CIRCLE EACH) (9) UNKNOWN ①0 35	

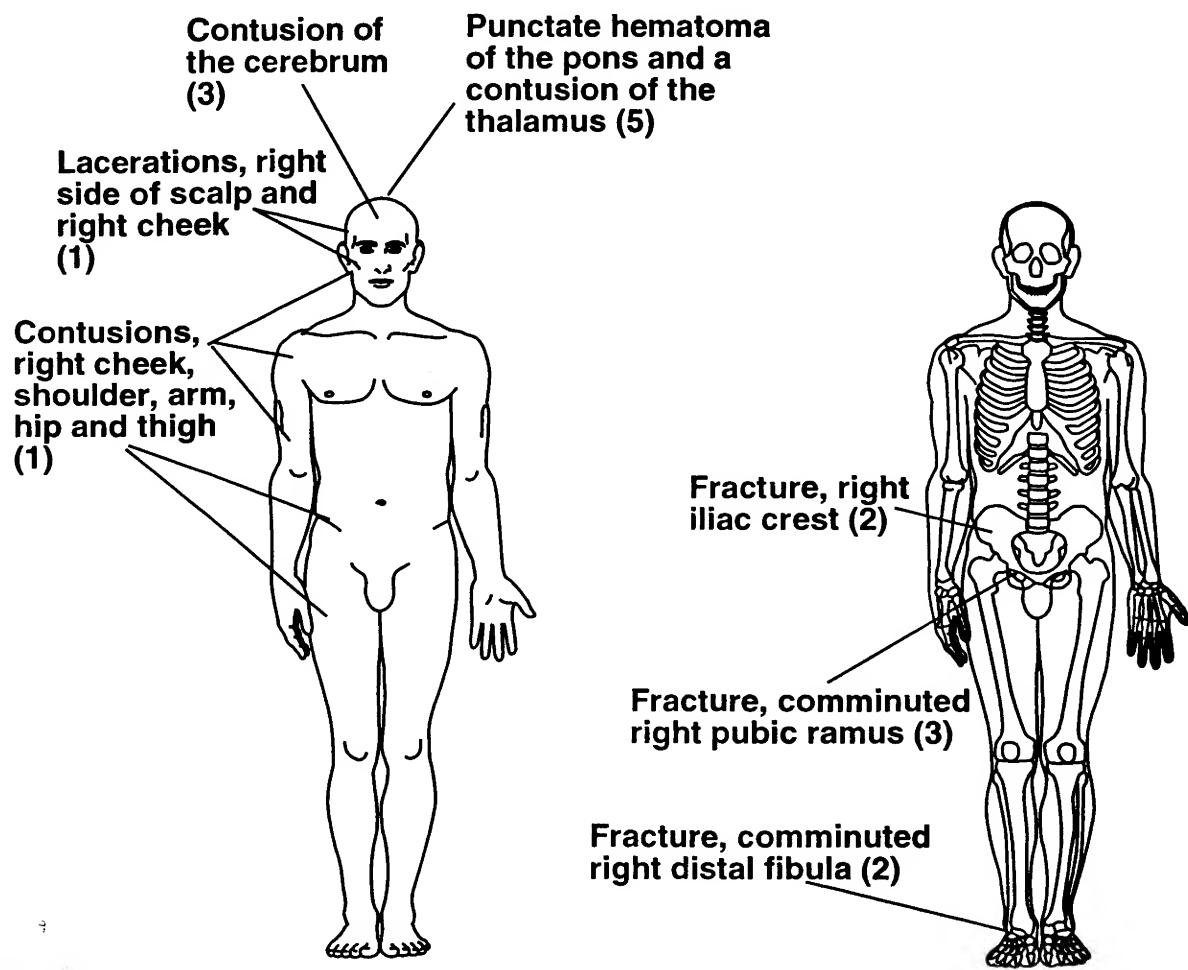
OCCUPANT INFORMATION OC-2

MEDICAL CONDITIONS (CONT.)		CHILD SEAT TYPE	
POLICE INJURY SEVERITY CODE FOR THIS OCCUPANT	<u>3</u> 36	(00) NONE USED (01) YES, USED (02) INTEGRAL, Chrysler Mini-van (88) NOT APPLICABLE (ADULT OR OLDER CHILD) (99) UNKNOWN	<u>88</u> 41 42
(0) O - NO INJURY (1) C - POSSIBLE INJURY (2) B - NON-INCAPACITATING (3) A - INCAPACITATING INJURY (4) K - FATAL (5) INJURED, SEVERITY UNKNOWN (6) DIED PRIOR TO IMPACT (7) NON-FATAL INJURY, SEVERITY UNKNOWN (9) UNKNOWN		CHILD SEAT MAKE/MODEL	
RESTRAINT SYSTEM			
ACTIVE RESTRAINT SYSTEM	<u>3</u> 37	EJECTION	
(0) NONE (1) LAP BELT (2) SHOULDER HARNESS ONLY (3) BOTH LAP BELT & SHOULDER HARNESS (9) UNKNOWN		DEGREE OF EJECTION	<u>1</u> 43
ACTIVE RESTRAINT SYSTEM USAGE	<u>3</u> 38	(0) NONE (1) PARTIAL (2) COMPLETE (7) EJECTED, DEGREE UNKNOWN (9) UNKNOWN IF EJECTED	
(0) NONE (AVAILABLE BUT NOT USED) (1) LAP BELT ONLY (2) SHOULDER HARNESS ONLY (3) BOTH LAP BELT & SHOULDER HARNESS (7) IMPROPER USAGE (8) NOT APPLICABLE (NONE AVAILABLE) (9) UNKNOWN		AREA OF EJECTION	<u>02</u> 44 45
PASSIVE RESTRAINT SYSTEM	<u>1</u> 39	(01) WINDOW, LEFT SIDE (02) WINDOW, RIGHT SIDE (03) WINDOW, REAR (04) DOOR, LEFT SIDE (05) DOOR, RIGHT SIDE (06) DOOR, REAR OR TAILGATE (07) WINDSHIELD (08) ROOF OR OPEN CONVERTIBLE OR FROM EXTERNAL AREA (96) EJECTED AREA UNKNOWN (97) OTHER AREA: (98) NOT APPLICABLE (NOT EJECTED) (99) UNKNOWN IF EJECTED	
(0) NONE (1) AIRBAG INSTALLED (2) PASSIVE UPPER TORSO WITH KNEE BOLSTERS (3) PASSIVE UPPER TORSO WITHOUT KNEE BOLSTERS (4) PASSIVE LAP & UPPER TORSO (5) AIRBAG INSTALLED & PASSIVE RESTRAINT (7) OTHER: _____ (9) UNKNOWN		IF OCCUPANT WAS EJECTED, DESCRIBE IN DETAIL BELOW:	
PASSIVE RESTRAINT SYSTEM USAGE	<u>2</u> 40		
(0) SYSTEM DEFECTED (1) AIRBAG NOT DEPLOYED (2) AIRBAG DEPLOYED (3) AIRBAG NOT REINSTALLED (4) PASSIVE UPPER TORSO USED (5) PASSIVE LAP & UPPER TORSO USED (6) SYSTEM USED IN MANUAL MODE (7) IMPROPER USAGE (8) NOT APPLICABLE (NOT ORIGINALLY EQUIPPED) (9) UNKNOWN		HEAD RESTRAINT	
HEAD RESTRAINT AVAILABLE FOR THIS POSITION		(0) NOT EQUIPPED OR REMOVED (1) EQUIPPED (9) UNKNOWN	<u>1</u> 48

OCCUPANT INFORMATION OC-3

OCCUPANT EYEWEAR		SOURCE OF INFORMATION	
(0) NONE (1) GLASSES (2) CONTACTS (3) BOTH GLASSES AND CONTACTS (4) OTHER _____ (8) NOT APPLICABLE (9) UNKNOWN	47	(0) INTERVIEW (1) HOSPITAL (2) AUTOPSY (3) POLICE (4) OTHER _____ (5) LAY CORONER/EXTERNAL EXAM (7) COMBINATION OF ABOVE (CIRCLE) (8) NOT APPLICABLE (9) UNKNOWN	7 48

INDICATE LOCATION OF INJURIES.



Duplicate columns 1-8
from the previous card.

Module 1 C **Format** 0 1
9 10 11 12

INJURY CLASSIFICATION IC-1

NOTE: Each line in the table below is a separate record (card).
Duplicate columns 1 - 12 for each completed line.

OCCUPANT INJURY CLASSIFICATION

NOTE: USE ADDITIONAL PAGES IF NECESSARY.

Duplicate columns 1-8
from the previous card.

Module O C Format O 2
9 10 11 12

OCCUPANT INFORMATION OC-1

OCCUPANT IDENTIFICATION		③ 13 14	PHYSICAL DESCRIPTION	
OCCUPANT NUMBER			AGE IN YEARS (00) LESS THAN 1 YEAR (98) 98 YEARS OR OLDER (99) UNKNOWN	
ROLE OF OCCUPANT AT 1ST IMPACT		2 15	AGE IN MONTHS (00) LESS THAN 1 MONTH (25) 25 MONTHS OR OLDER (99) UNKNOWN	
(1) MOTOR VEHICLE DRIVER (2) MOTOR VEHICLE PASSENGER (NOT DRIVER) (9) UNKNOWN			MASS (kg) (999) UNKNOWN	
OCCUPANT POSITION		2 16	HEIGHT (cm) (999) UNKNOWN	
ROW LOCATION			SEX (1) MALE (2) FEMALE (9) UNKNOWN	
(1) FRONT (2) SECOND (3) THIRD (4) FOURTH (7) OTHER: _____ (8) EXTERNAL TO PASSENGER COMPARTMENT (E.G. BED OF PICKUP) (9) UNKNOWN		5 17	MEDICAL CONDITIONS	
LATERAL LOCATION			TREATMENT/MORTALITY (00) NONE (01) FIRST AID AT SCENE (02) TREATED AT HOSPITAL/CLINIC BUT NOT ADMITTED (03) HOSPITALIZED FOR OBSERVATION LESS THAN 24 HOURS (04) HOSPITALIZED OVER 24 HOURS OR FOR SIGNIFICANT TREATMENT (05) FATAL, DEAD AT SCENE (06) FATAL, DOA (07) FATAL, DEAD WITHIN 24 HOURS (08) FATAL, DEAD 24 HOURS TO 31 DAYS LATER (09) FATAL, DEAD 31 DAYS TO 1 YEAR LATER (10) FATAL DEAD WITHIN UNKNOWN PERIOD (99) UNKNOWN	
POSTURE		10 18 19	INJURY SEVERITY SCORE (ISS) (99) UNKNOWN	
(10) SITTING ON SEAT (11) SITTING ON SEAT IN ABNORMAL POSITION (E.G. FEET ON DASH, SIDEWAYS) (12) SITTING ON CONSOLE (20) ON LAP OR IN ARMS (30) STANDING ON SEAT (40) STANDING ON FLOOR (47) STANDING, EXTERNAL TO PASSENGER COMPARTMENT (50) IN BASSINET (60) IN CHILD SEAT (65) IN CHILD HARNESS (70) LYING ON SEAT (80) LYING/SITTING ON PASSENGER FLOOR (83) LYING/SITTING ON OTHER OBJECT IN PASSENGER COMPARTMENT: _____ (85) ON CARGO FLOOR/FOLDED SEAT-BACK (87) LYING/SITTING, EXTERNAL TO PASSENGER COMPARTMENT (97) OTHER: _____ (99) UNKNOWN			NON-IMPACT MED. CONDITIONS (0) NONE (1) YES, TIME & TYPE UNKNOWN (2) PRE-CRASH FATAL (CLINICAL DEATH AT WHEEL) (3) PRE-CRASH NON-FATAL (E.G. PRIOR INJURY, STROKE) (4) PREGNANT (5) POST-CRASH FATAL (DROWNING) (6) POST-CRASH NON-FATAL INJURY (7) OTHER: _____ (8) COMBINATION OF ABOVE (CIRCLE EACH) (9) UNKNOWN	

OCCUPANT INFORMATION OC-2

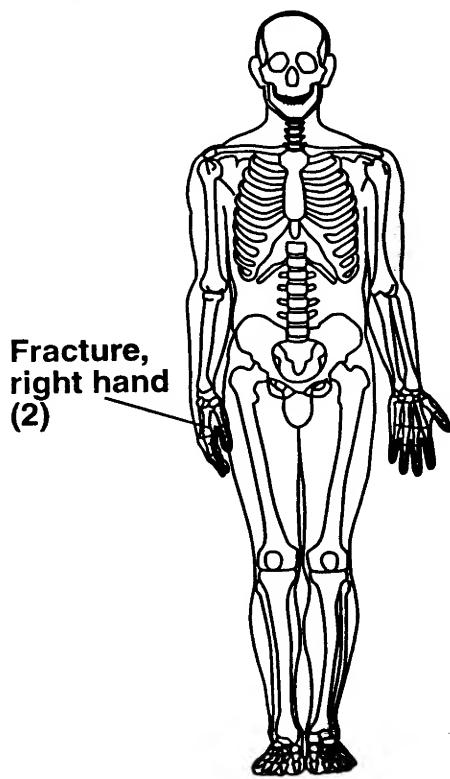
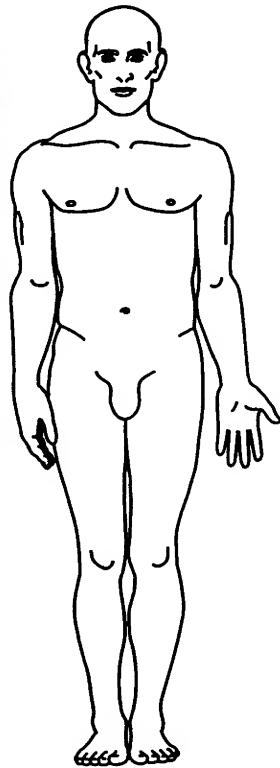
MEDICAL CONDITIONS (CONT.)	2 36	CHILD SEAT TYPE	88 41 42
		(00) NONE USED (01) YES, USED (02) INTEGRAL, Chrysler Mini-van (88) NOT APPLICABLE <i>(ADULT OR OLDER CHILD)</i> (99) UNKNOWN	
RESTRAINT SYSTEM	3 37	CHILD SEAT MAKE/MODEL	
ACTIVE RESTRAINT SYSTEM	1 38	EJECTION	0 43
		DEGREE OF EJECTION	
ACTIVE RESTRAINT SYSTEM USAGE	1 39	(0) NONE (1) PARTIAL (2) COMPLETE (7) EJECTED, DEGREE UNKNOWN (9) UNKNOWN IF EJECTED	98 44 45
		AREA OF EJECTION	
PASSIVE RESTRAINT SYSTEM	8 40	(01) WINDOW, LEFT SIDE (02) WINDOW, RIGHT SIDE (03) WINDOW, REAR (04) DOOR, LEFT SIDE (05) DOOR, RIGHT SIDE (06) DOOR, REAR OR TAILGATE (07) WINDSHIELD (08) ROOF OR OPEN CONVERTIBLE OR FROM EXTERNAL AREA (96) EJECTED AREA UNKNOWN (97) OTHER AREA: _____ (98) NOT APPLICABLE (<i>NOT EJECTED</i>) (99) UNKNOWN IF EJECTED	
		IF OCCUPANT WAS EJECTED, DESCRIBE IN DETAIL BELOW:	
PASSIVE RESTRAINT SYSTEM USAGE	8 40	HEAD RESTRAINT	0 46
		HEAD RESTRAINT AVAILABLE FOR THIS POSITION	
		(0) NOT EQUIPPED OR REMOVED (1) EQUIPPED (9) UNKNOWN	

OCCUPANT INFORMATION OC-3

OCCUPANT EYEWEAR		SOURCE OF INFORMATION	
(0) NONE (1) GLASSES (2) CONTACTS (3) BOTH GLASSES AND CONTACTS (4) OTHER _____ (8) NOT APPLICABLE (9) UNKNOWN	47	(0) INTERVIEW (1) HOSPITAL (2) AUTOPSY (3) POLICE (4) OTHER _____ (5) LAY CORONER/EXTERNAL EXAM (7) COMBINATION OF ABOVE (CIRCLE) (8) NOT APPLICABLE (9) UNKNOWN	48

OCCUPANT INFORMATION OC-4

INDICATE LOCATION OF INJURIES.



Fracture,
right hand
(2)

Duplicate columns 1-8
from the previous card.

Module 1 C **Format** 0 1
 9 10 11 12

INJURY CLASSIFICATION IC-1

NOTE: Each line in the table below is a separate record (card).
Duplicate columns 1 - 12 for each completed line.

OCCUPANT INJURY CLASSIFICATION

NOTE: USE ADDITIONAL PAGES IF NECESSARY.

Carrie 17800
PN 17800 #1
Date: Power plant installed.
Owner: All year old boat
Year: 1988 Ford 8.2L passenger van

Carrie 17800
PN 17800 #1
Date: 1988
Owner: Bill
Year: 1988 Ford 8.2L passenger van

North



PN 17800 #1



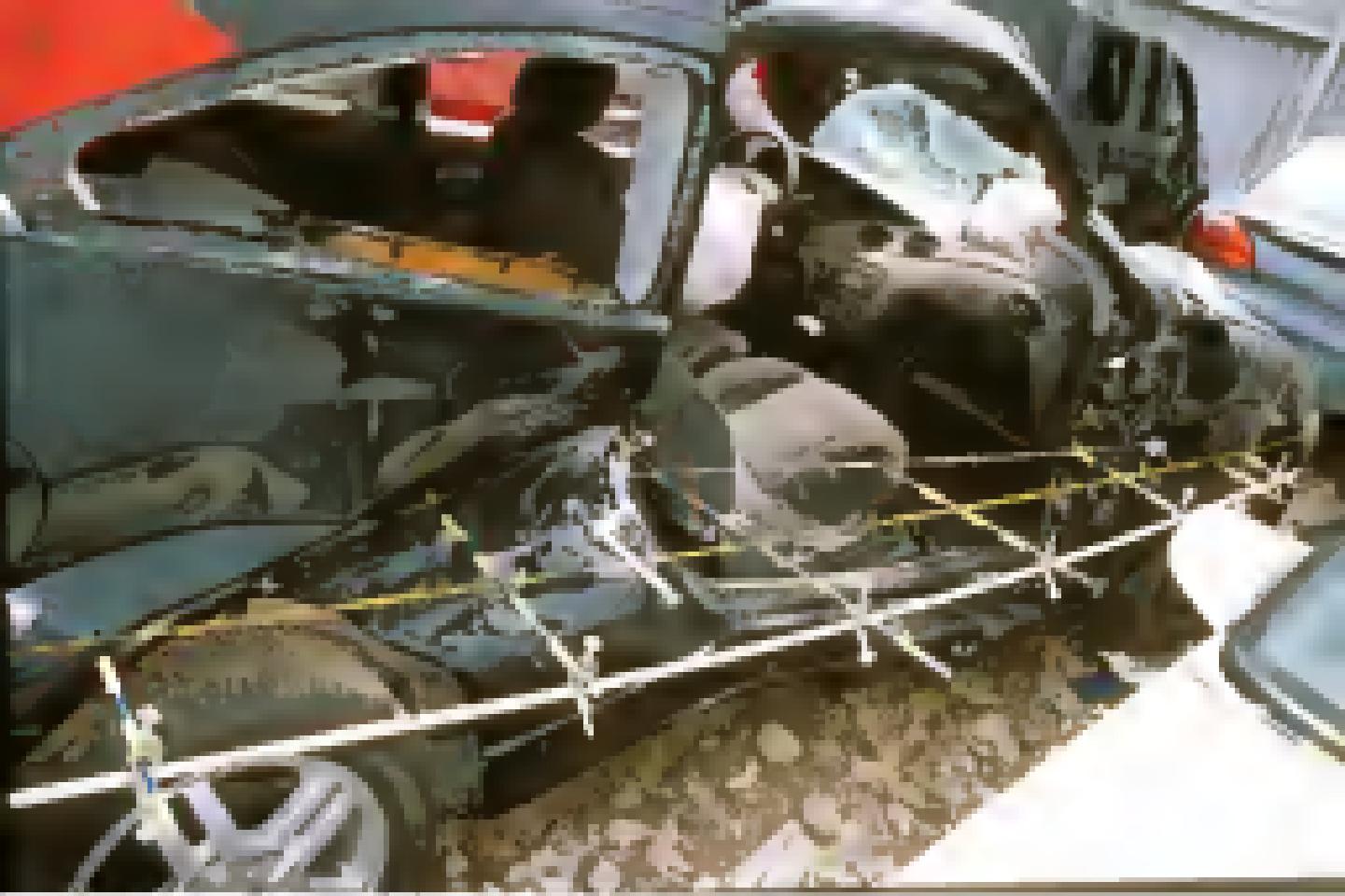
PN 17800 #2



PN 17800 #3



PN 17800 #4



PN 17800 #5



PN17800 #8



PN 17800#7



PN 17800-#8



PN 17800-20



PN 17800-410



PN 17800 #11



PN 17800 #12



PN 17800 #13



PN 17800 #14



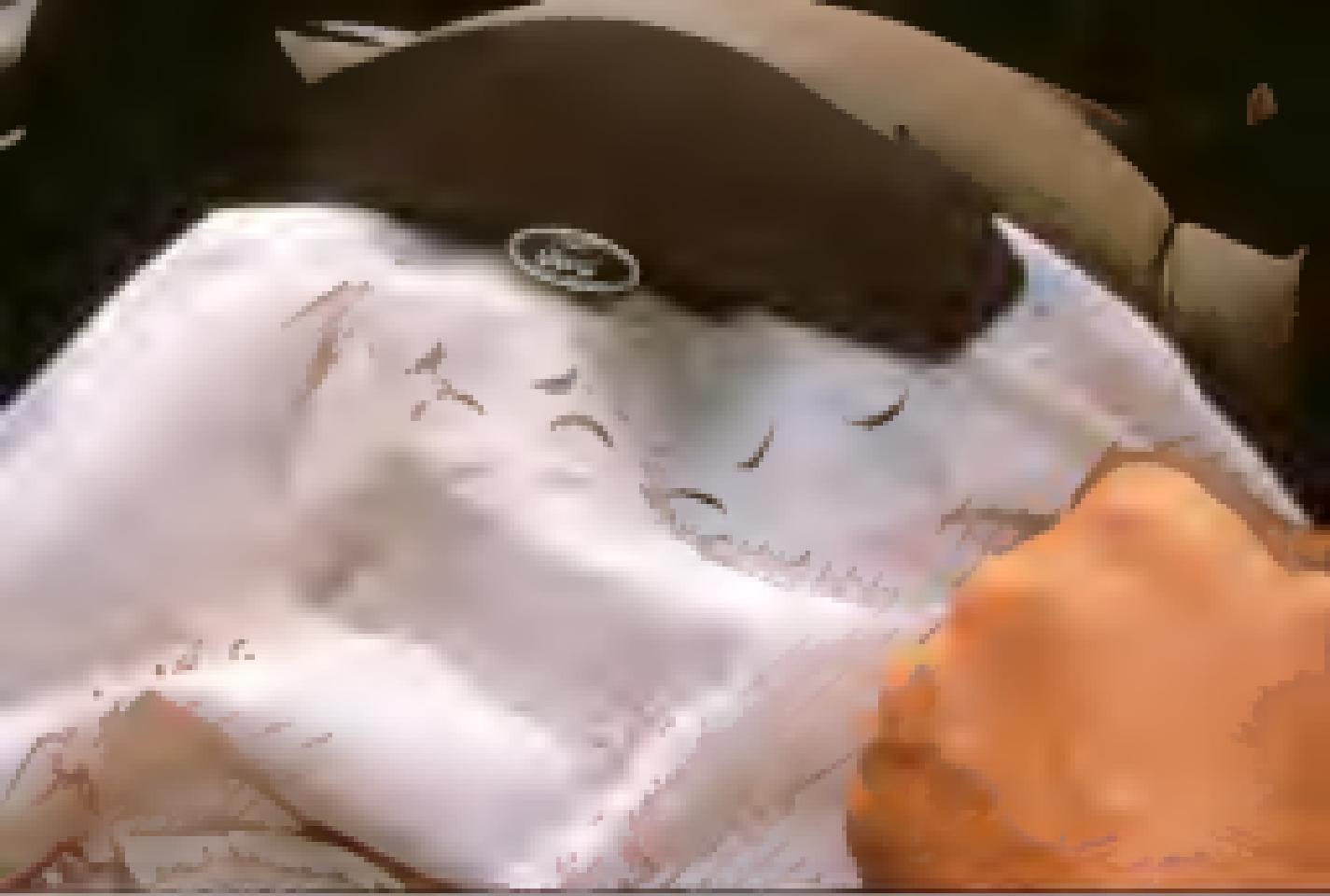
PN 17800 #15



PN 17800 #18



PN 17800 #17



PN 17800 #18



PN 17800 #19



PN 17R00 #20

PN 17800 #21



PN 17800 #22



PN 17800 #23



PN 17800 #24



PN 17800 #25



PN 17800 #26



PN 17800 #27



PN 17800 #28
Best Available



PN 17800 #29



PN 17800430



PN 17800 #31



PN 17800 #32



PN 17800433



PN 17800#34



PN 17800 #35



PN 17800 #36



PN 17800 #37



PN 17800 #38



PN 17800 #30



PN17800 #40



PN 17800 641



PN 17800 #42



PN 17800 #43



PN17800 #44



PN 17800 #45



PN 17800 #48



PN 17800 #47



PN 17800 #48



PN 17800 #49



PN 17800 #50

PN 17800 #51



PN 17800 #52



PN 17800 #53



PN 17800 #54



PN 17800 #55

PN 17800 #56

Male - 18 years

Right side of body

Right 2nd rib fracture



PN 17800 #56

100% Polyester
100% Polyester

100% Polyester
100% Polyester

100% Polyester
100% Polyester
100% Polyester
100% Polyester

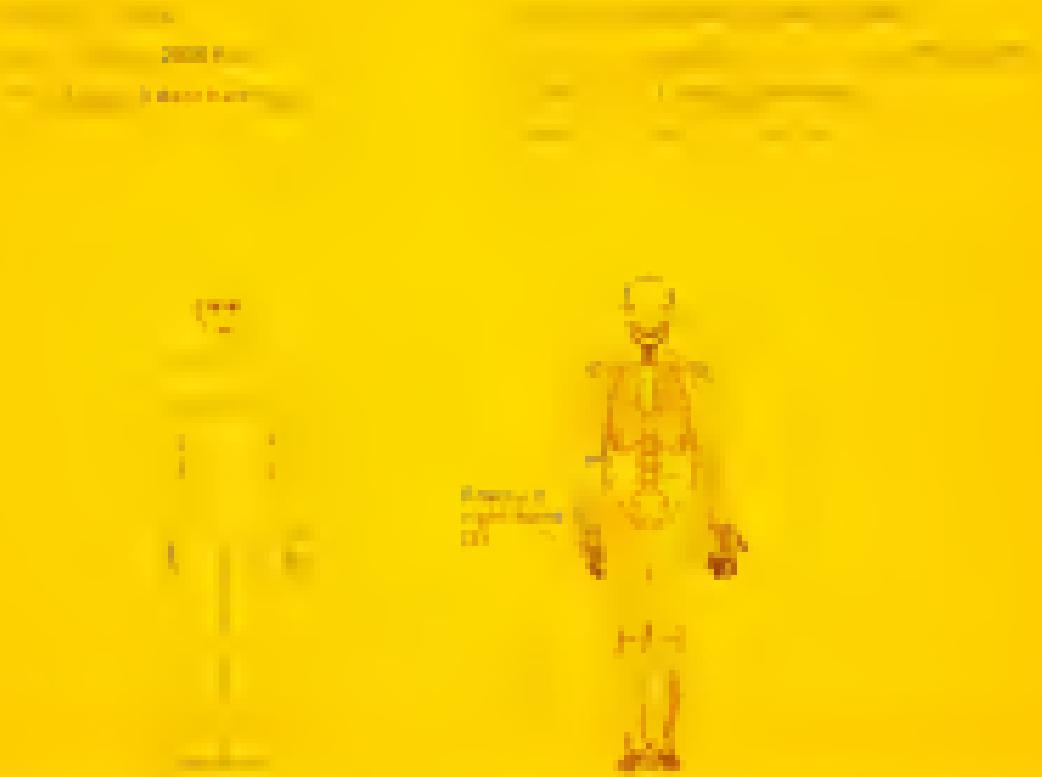
100% Polyester
100% Polyester
100% Polyester
100% Polyester

100% Polyester
100% Polyester
100% Polyester
100% Polyester

100% Polyester
100% Polyester
100% Polyester
100% Polyester



PN 17800#57



PN 17800 #58